IIBA® Vendor Showcase

Visualizing Requirements

October 18, 2012
Changing Change.

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Looking for a Career?

Visit IIBA Career Centre

- Search for and apply to local, business analyst positions.
- Let employers find you. Market yourself by posting a resume, professional profile, and portfolio of work.
- Store versions of your resume, cover letters, and contact information.
- Set-up job alerts to be emailed when new jobs are posted.
- IIBA.org - careers
Vision and Mission

**Vision**
The world's leading association for Business Analysis professionals

**Mission**
Develop and maintain standards for the practice of business analysis and for the certification of its practitioners

IIBA® is an international not-for-profit professional association for business analysts.
Tom Karasmanis

IIBA Product Manager

- Tom Karasmanis is a Senior Consultant with 25 years' experience in Information Technology, including roles as a Business Architect, Business/Systems Analyst, Project Leader, Technical Architect, and Software Engineer. He has worked in financial services, publishing, healthcare, public sector and telecommunications.

- Tom served as Chief Architect of the IIBA from 2009 to 2011. He is currently IIBA Product Manager of Being a BA: Technical Excellence and Vendor Showcase. Tom is a management consultant in business architecture and business analysis, assisting organizations to build or improve their BA practices. He speaks regularly at international conferences.

- Tom holds a Bachelor of Applied Science in Chemical Engineering from the University of Toronto and is active in the business analysis and business architecture communities.
Outline

- Introductions and Housekeeping 12:00
- Vendor Presentations 12:05
  - SPARX SYSTEMS 12:05
  - REALISOR 12:20
  - Blueprint 12:35
- Questions and Answers 12:50
- Close 12:59
- Extended Q&A 1:00
Question and Answer

How to Ask Questions

- Use the Question box to ask questions. Selected questions will be answered at the end, but you can ask at any time.
- Include the vendor’s name if you want a specific vendor to respond.
- Short, specific questions, please!

IIBA Host
Tom Karasmanis

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A picture is worth a thousand words ...

VISUALIZING REQUIREMENTS
Visualizing Requirements

A picture is worth a thousand words

- Often a complex idea can be conveyed with just a single picture (or two 😊)
- One of the main goals of visualization is to make it possible to absorb large amounts of data quickly
Visualizing Requirements

Visual Models

- UML, BPMN [§9.28, p.234 BABOK® v2]
- Process Models [§9.21 BABOK® v2]
- Use Cases [§9.27.3.4 BABOK® v2]
- DFD (Context Dgm) [§9.6, §9.13.3 BABOK® v2]
- Data Modeling [§9.7 BABOK® v2]
- Cross-functional Diagrams, Flowcharts
- Simulation
Visualizing Requirements

Other Business Analysis Functions

- **Reporting** [§9.16.3.4 BABOK® v2]
  - E.g. to stakeholders
- **Lines of Reporting** [§9.19.3.4 BABOK® v2]
  - Organizational Charts
- **Prototyping** [§9.22 BABOK® v2]
- **GUI**
- **Traceability**
Visualizing Requirements

Summary of Benefits

- Reduces complexity
- More “natural”
- Faster to absorb
- Some people are more visual
- Easier to detect inconsistencies
- Easier to identify improvements, dependencies
Sparx Systems
Enterprise Architect

Visualizing Requirements

Presenter Tom O’Reilly
Chief Operations Officer
Introduction

• Why do we need to visualize requirements?

• No one will completely know what you're trying to explain without context
Ways to Visualize?

- Whiteboard?
- Documents?
Ways to Visualize?

– Whiteboards
  • Limited work area
  • Easy data loss / No easy ‘save’ function

– Paper based Requirement Documents
  • Too much information to trawl through
  • No links to relevant elements
  • No search facility
  • No currency
  • Ends up in someone's desk draw

– If it isn’t clear what your project is setting out to achieve, how can you estimate costs and effort?
Get the right tool for the job!

- Make your requirements work for you!
Requirements in Enterprise Architect

• Requirements govern downstream work
  – Need to have enough information to ‘answer any questions’
  – Relevant at every step of the project
  – For any action/deliverable, you need to know why
### Requirements in Enterprise Architect

- Capturing Requirements

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Stereotype</th>
<th>Status</th>
<th>Complexity</th>
<th>Difficulty</th>
<th>Priority</th>
<th>Phase</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>REQ011 - Manage User Accounts</td>
<td>Requirement</td>
<td>Functional</td>
<td>Validated</td>
<td>Easy</td>
<td>Medium</td>
<td>High</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>REQ016 - Add Users</td>
<td>Requirement</td>
<td>Functional</td>
<td>Validated</td>
<td>Easy</td>
<td>Medium</td>
<td>High</td>
<td>3.0</td>
<td>2.0</td>
</tr>
<tr>
<td>REQ017 - Remove User</td>
<td>Requirement</td>
<td>Functional</td>
<td>Validated</td>
<td>Easy</td>
<td>Medium</td>
<td>Low</td>
<td>1.0</td>
<td>6.0</td>
</tr>
<tr>
<td>REQ018 - Report on User Account</td>
<td>Requirement</td>
<td>Functional</td>
<td>Proposed</td>
<td>Easy</td>
<td>Medium</td>
<td>High</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>REQ024 - Secure Accessa</td>
<td>Requirement</td>
<td>Functional</td>
<td>Proposed</td>
<td>Easy</td>
<td>Medium</td>
<td>High</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>REQ025 - Store User Details</td>
<td>Requirement</td>
<td>Functional</td>
<td>Validated</td>
<td>Easy</td>
<td>Medium</td>
<td>Low</td>
<td>2.0</td>
<td>1.0</td>
</tr>
<tr>
<td>REQ026 - Validate User</td>
<td>Requirement</td>
<td>Functional</td>
<td>Proposed</td>
<td>Easy</td>
<td>Low</td>
<td>Medium</td>
<td>1.0</td>
<td>1.0</td>
</tr>
<tr>
<td>REQ027 - Secure Access</td>
<td>Requirement</td>
<td>Functional</td>
<td>Validated</td>
<td>Easy</td>
<td>Medium</td>
<td>Low</td>
<td>3.0</td>
<td>1.0</td>
</tr>
</tbody>
</table>
Capture the Requirement

REQ058 - Secure Access

- Tradition text based requirement
- Audio Files
- Presentations
- Spreadsheets
- Model explanation of the requirements
- Video
Tools to Visualize Requirements

It must be possible to add new users to the client repository.
• Specific Views for specific roles
Organize the Requirements

- Requirements are related to one another
Visualization of Requirements?

• Requirement validation
### Working Requirements

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
<th>Use</th>
<th>Results</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>System displays Welcome Screen</td>
<td></td>
<td></td>
<td>Pending</td>
</tr>
<tr>
<td>2</td>
<td>User inserts Card</td>
<td></td>
<td></td>
<td>Verify</td>
</tr>
<tr>
<td>3</td>
<td>System prompts for PIN</td>
<td></td>
<td>PIN specification</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>User enters correct PIN</td>
<td></td>
<td>Access logged</td>
<td>Authentica</td>
</tr>
</tbody>
</table>
**Requirements downstream**

**Basic Path**
1. User inserts an invalid Card.
2. System displays Card Read Error.
3. System displays Welcome Screen after 3 seconds.

**Alternate Paths**
- Incorrect PIN:
  - User enters incorrect PIN.
  - System displays Authenticaion Error.
  - System displays Welcome Screen after 3 seconds.

**Scenario (Not Run) Basic Path**
- User inserts Card
  - System display Welcome Screen
  - User enters PIN
  - System displays Account Balance

**Use Case Display Account Balance Test Case**
- User enters Correct PIN
- System displays Welcome Screen
- User enters Incorrect PIN
- System displays Welcome Screen

**Enterprise Architect**

www.sparxsystems.com
Dialogs modeled in the package being simulated are available to be used by the simulation. Each control can be referenced from Javascript by the name applied.

The Login button has an 'OnClick' tagged value containing Javascript to send the Login Signal with the arguments specified on this dialog.

You can also send the Login signal by double clicking on Login in the Simulation Events window. However, in that method you will need to enter strings as Javascript literals.

Name: Username
Password: *********
Attempts
Login
Traceability

- Trace from Decisions to Deployment

- Impact analysis of any change to the system or requirements
Requirements and Teams

- Requirements viewed and used as a Gantt Chart
Reporting and Documentation

- RTF, HTML, PDF, EALite
Functionality & Features

- Fulfil All User Requirements
  - Extensive feature set:
    - Requirements Management
    - Business Process Modeling and Simulation
    - Information and Data Modeling
    - Strategic Modeling
    - Systems Engineering
    - Test Management
    - UI, Tools and Productivity Boosters
    - Document Generation and Reporting
    - Traceability and Accountability
    - Distributed Teams Collaboration
    - Project Management
    - Change Management and Version Control
    - Enterprise Architecture and SOA
    - Model Driven Architecture (MDA)
    - Code Engineering
    - Database Engineering
    - Visualize, Debug and Profile Executing Code
    - Much more!!!
Quality / Application of Technology

• Standards and Standard Bodies
  – Smart Grid (IEC TC57)
  – E-Health (EHR, CDA, BRIDG, ISO 215)
  – Geospatial (ISO/TC 211, CEN/TC 287, OGC)
  – Retail (ARTS UnifiedPOS)
  – Government (eDAIS)
  – Automotive (AUTOSAR)
  – Intelligent Transport Systems (DATEX II)
  – Social Security (Medicaid Information Technology Architecture – MITA)
  – E-Commerce (OASIS Unified Business Language)
  – Geology (GeoSciML, SoilML, WaterML)
  – Biodiversity (European Distributed Institute of Taxonomy)
  – Rail Transport (TRAX)
  – EDI (ASC X12)
  – Financial Services Messaging (SWIFT)
  – Ports (EFFORTS)
  – Telecommunications (eTOM, eTAM, SID)
  – Object Management Group (UML, XMI, DDS, MPMN, UPDM etc)
Enterprise Architect for Requirements

• Visualizing Requirements to Drive:
  – Requirement Capturing
  – Validation and Verification
  – Process definition
  – Testing
  – Interface design (downstream activities)
  – Traceability and Impact Analysis
  – Project Management
  – Reporting

• Questions?
Realisor®

The Visual Results Delivery Toolkit
The Struggle

ANALYSE WHAT IS VALUED
Single picture of what stakeholders value + data

DEMONSTRATE VALUE
Clearly align solutions / services to the value expected

GET PROPOSALS RIGHT
Analysis to discuss + cut costs with minimum value impact

DELIVER OPTIMUM VALUE
Benefits realization

MAKE RIGHT DECISIONS
Impact of trading cost/ value/ time seen = confidence
Visually pulling it all together

**BENEFITS**
benefit measuring, tracking and reporting

**COSTS**
cost measuring and reporting

**DEPENDENCIES**
identification, management and status sharing

**CAPABILITIES**
through-life cost-capability trade-off simulation

**RESOURCES**
resource measuring and reporting

**REQUIREMENTS**
requirement definition and management

**STAKEHOLDERS**
stakeholder definition and management

**WORKSHOPS/COMMUNICATIONS**
visual modelling, data capture and sharing

**RISKS**
risk definition and management

**DOCUMENTATION**
capture and share data and retain knowledge

+ SOLUTIONS, PROCESSES, PLANS etc.

© BRM Fusion Limited 2012  Realisor is patent pending
Realisor key points

• **Analysis:** visual and data driven cut through complexity
• **Decisions:** “Insight generator” to identify best decisions
• **Data Sharing:** all data in/ out via Excel + integrations
• **Manage:** changes through-life – actuals, reports/dashboards
General Layout - Orientation

1. Activity 10: Agree with unions job share structure
2. Activity 11: 2 savings need monitoring and publishing
3. Activity 12: Travel share
4. Activity 13: Parking and transport support improvement
5. Activity 14: Not done

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Analyse Benefits Expected

Outcomes expected

- Outc-8: flexibility for home caring/support roles increased
- Outc-11: time spent on travel into work reduced
- Outc-4: increased engagement of staff

Contributions and weightings

- Outc-12: decrease need to take unauthorised/unjustified absence
- Outc-1: increased staff confidence and desire to work contracted hours

Ultimate objectives

- Outc-5: reduced absenteeism
- Outc-14: cost of absence reduced

+ Add key data in workshops/off-line

© BRM Fusion Limited 2012 Realisor is patent pending
Analyse Plans and Designs

Activities that create Outputs

that result in Capabilities

as part of an Initiative ...

+ Projects, IT enablers etc.
Use Requirements to challenge

Add and structure requirements to show relationships and annotate
Use Requirements to challenge

Every object has its own data – can import/export
From Main Model Create ‘Views’ to Engage
Example for the CEO

- Outc-2: Increased flexible working arrangements
- Outc-3: Increased responsibility of line managers and confidence/ flexibility to carry out
- Outc-4: Increased engagement of staff
- Outc-5: Reduced absenteeism
- Outc-6: Reduced cost of absence
- Outc-7: Increased flexibility for home caring/support roles increased
- Outc-8: Time spent on travel into work reduced
- Outc-9: Decreased time of people on long-term sick
- Outc-10: Increased staff confidence and ability to work contracted hours
- Outc-11: People still working if unable to physically come into work increased
- Outc-12: Decrease need to take unauthorised/unjustified absence
- Obj-1: To operate with lower costs
With Contribution Weightings
...and benefit measures
Compare options for cost/benefit through time

### Initiative Performance - Option 1

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Initiate</th>
<th>Establish</th>
<th>Phase A</th>
<th>Phase B</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Init-1</td>
<td>Flexible working</td>
<td>None</td>
<td>None</td>
<td>Good</td>
<td>Best</td>
<td>Best</td>
</tr>
<tr>
<td>Init-2</td>
<td>Strengthen occupational health interventions and rehabilitation</td>
<td>Not done</td>
<td>Optimum</td>
<td>Optimum</td>
<td>Optimum</td>
<td>Optimum</td>
</tr>
<tr>
<td>Init-3</td>
<td>Staff working support initiative</td>
<td>Not done</td>
<td>Not done</td>
<td>Optimum</td>
<td>Optimum</td>
<td>Optimum</td>
</tr>
</tbody>
</table>

### Outcome Performance - Option 1

<table>
<thead>
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<th>ID</th>
<th>Title</th>
<th>Initiate</th>
<th>Establish</th>
<th>Phase A</th>
<th>Phase B</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outc-1</td>
<td>Increased staff confidence and desire to work contracted hours</td>
<td>0%</td>
<td>0%</td>
<td>91%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Outc-2</td>
<td>Increased flexible working arrangements</td>
<td>0%</td>
<td>0%</td>
<td>90%</td>
<td>100%</td>
<td>100%</td>
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<tr>
<td>Outc-3</td>
<td>Increased responsibility of line managers and confidence/ flexibility</td>
<td>0%</td>
<td>0%</td>
<td>90%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Outc-4</td>
<td>Increased Engagement of staff</td>
<td>0%</td>
<td>0%</td>
<td>91%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Outc-5</td>
<td>Reduced absenteeism</td>
<td>0%</td>
<td>1%</td>
<td>91%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Outc-6</td>
<td>Increased impact of occupational health interventions and rehabilitation</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Outc-7</td>
<td>Flexibility for home caring/ support roles increased</td>
<td>0%</td>
<td>0%</td>
<td>91%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Outc-8</td>
<td>Decreased time of people on long term sick</td>
<td>0%</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outc-9</td>
<td>Face of travel into work increased</td>
<td>0%</td>
<td>0%</td>
<td>91%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Objective Performance - Option 1

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Initiate</th>
<th>Establish</th>
<th>Phase A</th>
<th>Phase B</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obj-1</td>
<td>To operate with lower costs</td>
<td>0%</td>
<td>1%</td>
<td>91%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Then Track and Manage performance
The Reality

- Analyse what is valued
- Demonstrate value
- Get proposals right
- Make right decisions
- Deliver optimum value
So what?

Benefits of Realisor include:

- reduce wasted effort by up to **80%**
- cut timescales to benefit realisation by up to **75%**
- 1 minute to re-calculate **ROI**, through-life costs, benefits and business case options
- 1 minute to see what activities/ programs add least/ **most value**
- 2 minutes to create a **visual map** for a stakeholder
- analyse benefits, costs, resources, stakeholders, risks, costs, value and dependencies through the life of change and into operation

**realisor.com/IIBA** for a full 30-day trial
**Free webinars and on-line training**
IIBA Vendor Showcase

Visualizing Requirements

Tony Higgins, VP Product Marketing
tony.higgins@blueprintsyst.com
Blueprint improves the economics of developing IT enabled business applications. Our collaborative requirements solution improves the processes of Authoring rich requirements, Validating requirements, Managing requirements, and Integrating them with all other disciplines in the lifecycle.
Expressing Requirements Textually

Business Requirements

<table>
<thead>
<tr>
<th>ID</th>
<th>Description</th>
<th>Artifact Type</th>
<th>Indicator</th>
<th>Effort</th>
<th>Field Type</th>
<th>Priority</th>
<th>Release</th>
<th>Requested By</th>
<th>Risk</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>PF3278</td>
<td>BP Air would like to expand the customer service from over the phone and at the counter to include a web presence over the internet. This expansion would allow customers to book fights, make changes to existing flights, check-in and print boarding passes, as well as book hotel and rental car reservations from a secure internet site.</td>
<td>Business Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-RQ2287</td>
<td>Reduce cost of sale by providing an online reservation system.</td>
<td>Business Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-RQ2288</td>
<td>Reduce customer service inbound calls by providing online account management.</td>
<td>Business Requirement</td>
<td>Medium</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-RQ2289</td>
<td>Improve customer retention by allowing customers to sign up for our rewards program online.</td>
<td>Business Requirement</td>
<td>Low</td>
<td>2.0</td>
<td>Low</td>
<td>Deferred</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-RQ2290</td>
<td>The customer shall be able to book a flight Reservation between any cities that BP Air services. Note: All flight bookings must adhere to the Terms and Conditions.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2291</td>
<td>The customer shall be able to modify an existing flight via the online site.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2302</td>
<td>The customer shall be able to establish on online account.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2303</td>
<td>The customer shall be able to enter their contact information online.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2304</td>
<td>The customer shall be able to establish and ID and PW for their online account.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2305</td>
<td>The customer shall be able to select from multiple preference options to establish their account preferences.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2306</td>
<td>The customer shall be able to maintain all online account information.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2307</td>
<td>The customer shall be able to modify their contact information.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2308</td>
<td>The customer shall be able to modify their User ID and PW.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2309</td>
<td>The customer shall be able to modify their account preferences.</td>
<td>User Requirement</td>
<td>High</td>
<td>1.0</td>
<td>High</td>
<td>High</td>
<td>Approved</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USER-RQ2310</td>
<td>The customer shall be able to register for the reward program online.</td>
<td>User Requirement</td>
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<td>The customer shall be able to access their User ID and PW.</td>
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Quality of Service Requirements

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<th>Description</th>
<th>Artifact Type</th>
<th>Indicator</th>
<th>Effort</th>
<th>Field Type</th>
<th>Priority</th>
<th>Release</th>
<th>Requested By</th>
<th>Risk</th>
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<td>PF3281</td>
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### Expressing Requirements Textually

**Backlog**

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<tr>
<th>Name</th>
<th>ID</th>
<th>Description</th>
<th>Artif</th>
<th>Indicators</th>
<th>Stack Rank</th>
<th>Story Points</th>
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<tr>
<td><strong>Sprint 1</strong></td>
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<tr>
<td>Context-aware Content Delivery</td>
<td>US8656</td>
<td>As a hotel manager and I'm editing info about a magic show that takes place in my hotel next Friday. Internet users should be able to find this info using queries like &quot;events that take place at the end of next week within 10km of where I am now&quot;, without having to know about my website.</td>
<td>User Story</td>
<td>4</td>
<td>5</td>
<td></td>
<td>Active</td>
</tr>
<tr>
<td>Similarity-based Image Search</td>
<td>US8653</td>
<td>As a user (creator) working with a digital asset management system wants to find images that are similar to the one he is looking at, either in terms of the real-world objects that the images represent, or in terms of graphical similarity (colors, shapes, etc.).</td>
<td>User Story</td>
<td>2</td>
<td>5</td>
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<td>Inactive</td>
</tr>
<tr>
<td>Assistance with Semantic Tagging</td>
<td>US8655</td>
<td>As a consumer, I want to create content in my CMS by simply typing plain text. The system then shall offer a list of tags that describe my content, and a list of links to criticisms (people, companies, etc.) that my text talks about. I want to be able to interactively refine those lists of tags and links, afterwards.</td>
<td>User Story</td>
<td>11</td>
<td>8</td>
<td></td>
<td>Deferred</td>
</tr>
<tr>
<td>Search and Disambiguation in Data</td>
<td>US8651</td>
<td>As a user I have a collection of 30,000 documents, and want to find the five documents that talk about or was edited by John Smith. Problem is, there are three John Smoots in my company, and the two others appear in lots of documents.</td>
<td>User Story</td>
<td>3</td>
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</tr>
<tr>
<td>The Semantic Event Recorder</td>
<td>US8658</td>
<td>As a user am running a workshop with 50 people contributing and we use a couple of wireless microphones, I want each statement recorded and tagged as being spoken by that person. I want the statements transcribed automatically and later summarized by human editing. Then I want to add images of notes and diagrams from flipcharts. All of the items should be accessible by speaker, topic, setting (the workshop) and should be clustered using time information (e.g. “notes taken when we discussed semantic search”). The system should create a timeline chart of the themes with contributors as the swimlines (“Joe Doe said X about search and Y about the stack”). The content thus created should be semantically indexed so that other semantic systems can also make use of it.</td>
<td>User Story</td>
<td>8</td>
<td>13</td>
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<td><strong>Sprint 2</strong></td>
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<tr>
<td>Knowledge-based Content Adaptation</td>
<td>US8657</td>
<td>As the creator of a web page has included the address of a company in one of her web pages. If this address changes, she wants to get a notification so that she can update the content of that page. The system will suggest the new data and she will just have to accept or reject the proposed changes.</td>
<td>User Story</td>
<td>5</td>
<td>40</td>
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<td>Inactive</td>
</tr>
<tr>
<td>Presenting Complex Product Configurations as Content</td>
<td>US8652</td>
<td>As a PC vendor and I want to implement a PC configuration page that guides the user in an intelligent way to avoid impossible combinations of components. The possible combinations are defined declaratively, I don’t want to write code to describe them.</td>
<td>User Story</td>
<td>6</td>
<td>13</td>
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<td>Active</td>
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<tr>
<td>Automated document categorization</td>
<td>US8660</td>
<td>As a user I create new document in my CMS by typing in a HTML edit form or by uploading a document with textual content (PDF, office file, XML file, ..). I want the CMS to suggest me a list of maximum 2 controlled properties such as subjects/topics or geographical coverage out of list of standardized options (ITPC subjects or world countries), based on the text content I gave.</td>
<td>User Story</td>
<td>10</td>
<td>8</td>
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<td>Active</td>
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</tbody>
</table>
The customer shall be able to book a flight reservation between any cities that BP Air services. Note: All flight bookings must adhere to the Terms and Conditions.
The customer shall be able to book a flight Reservation between any cities that IAI Air services. Note: All flight bookings must adhere to the Terms and Conditions.
The customer shall be able to book a flight Reservation between any cities that BP Air services. Note: All flight bookings must adhere to the Terms and Conditions.
The system shall output reports based on the provided schedule. The system shall display reporting options.
Visualize Requirements

Author

Text Requirements
Business Processes
Domain Diagrams
Glossaries
Use Cases

Generic Diagrams
UI Mockups
Storyboards
Documents
Use Case Diagrams
Visualize Requirements
Visualize Requirements
Visualize Requirements

Please complete your profile:

Name:  
Address 1:  
Address 2:  
City:  
State  
Telephone:  
Country:  
Postal  
Email  

Shopping Interests
- Gardening
- Decorating
- Cooking
- Household
- Renovation
- Crafts
- Clothing
- Electronics
- Furniture
- Sports
- Video
- Books
- Crafts
- Household
- Renovation
**Main Flow**

**Pre Condition:**
1. System displays gift card selection page and lets users select a type of gift card they wish to purchase.
   - 2. **Customer** selects email gift card.
2. System displays card detail and asks for quantity and value of the card.
3. **Customer** entered the information and clicked continue.
4. **Customer** chooses to check out.
5. **Customer** paid for the cards.
6. **Customer** sends payment information to accounting system.
7. System displays payment confirmation and asks user to check email for order status then lets user return to the main page or exit.
   - 12. **Customer** clicked return.

**Post Condition:**

**Alternate Flows**
- 2a. **Customer** selects Facebook gift card type.
  - 2a1. System displays card detail and asks for quantity and value of the card.
  - 2a2. **Customer** entered the information and clicked continue.
  - Return to Step 5

- 2b. **Customer** selects Print gift card type.
  - 2b1. System displays card detail and asks for quantity and value of the card.
  - 2b2. **Customer** entered the information and clicked continue.
  - Return to Step 5

- 2c. **Customer** selects mail gift card type.
  - 2c1. System displays card detail and asks for quantity and value of the card.
  - 2c2. **Customer** entered the information and clicked continue.
  - Return to Step 5

- 12a. **Customer** clicked Close.
  - Return to Exit
Visualize Requirements
Visualize Requirements
These buttons enabled only when customer agrees to terms & conditions below.
Visualize Requirements

Business Stakeholders

Business Analysts

Microsoft Office

HP ALM

Microsoft Team Foundation Server

Developers, QA
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- Bring email confirmation to the Blueprint booth

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- IIBA Certified Courses
  www.blueprintsys.com/services

Contact us:

info@blueprintsys.com
1-866-979-2583 (BLUE)
Question and Answer

How to Ask Questions

- Use the Question box to ask questions. Selected questions will be answered at the end, but you can ask at any time.
- Include the vendor’s name if you want a specific vendor to respond.
- Short, specific questions, please!

IIBA Host
Tom Karasmanis

Tom O'Reilly
Trevor Howes
Tony Higgins
Contact Information

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IIBA.org/PD | community.IIBA.org | info@IIBA.org

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