The WinWin System for Collaboration and Negotiation

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Outline

1. WinWin Operational Concept
2. Structuring Elements in WinWin
3. WinWin Combines WP, Email, DB
4. Framemaker, the Web and Cocomo
5. Demonstration
WinWin Operational Concept - the Flow of Negotiation

Stakeholders

User

Customer

Developer

Agreements Database

stakeholders vote

Win Condition Distributed Database

stakeholders vote

Issues Database

Issues are raised

Options Database

Analysis Tools

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Taxonomy and Terms

1 Space Segment
   1.1 Space Segment Mission Concept
   1.2 Mission Satellites
      1.2.1 Satellite Coverage
      1.2.2 Visibility
      1.2.3 Satellite Bus
         1.2.3.1 Attitude Control Subsystem
         1.2.3.2 Computer Subsystem
         1.2.3.3 Communications Subsystem
      1.2.4 Orbit / Track
      1.2.5 Payload
   1.3 Support Satellites
   2 Communication Network
   3 Mission Objectives
WinWin combines:
- word processing for describing your system requirements,
- structured email for discussing system requirements
- database technology for storing the requirements and a history of how we got there
- a model for negotiation to determine which requirements we adopt/reject
### WinWin Connects to Framemaker

**Interoperable SEE functions**

<table>
<thead>
<tr>
<th>ID:</th>
<th>Domain</th>
<th>Description</th>
<th>Status</th>
<th>Duration</th>
<th>Effort</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID:</td>
<td>WINC-1</td>
<td>Interoperable SEE functions</td>
<td>Re-Eval</td>
<td>15/19/91</td>
<td>Low</td>
</tr>
</tbody>
</table>

**Body:**

The SEE tools operate within a software/hardware framework.

**Comments:**

May 5/19/91 10:00

- Domain: Standardized integration tools
- Effort: Low
- Status: High
- Duration: 15/19/91

- Domain: Reduced SEE software development cost and schedule
- Effort: High
- Status: Low
- Duration: 15/19/91

- Domain: Reduced SEE software development cost and schedule
- Effort: Low
- Status: High
- Duration: 15/19/91

**Domain-specific simulation capability**

**ID:** WINC-2

**Body:**

- Domain: Domain-specific simulation capability
- Effort: High
- Status: Low
- Duration: 15/19/91

**Comments:**

May 5/19/91 10:00

- Domain: Standardized integration tools
- Effort: High
- Status: Low
- Duration: 15/19/91

- Domain: Reduced SEE software development cost and schedule
- Effort: Low
- Status: High
- Duration: 15/19/91

- Domain: Reduced SEE software development cost and schedule
- Effort: Low
- Status: Low
- Duration: 15/19/91

**SGS domain text stimulation and authoring tools**

**ID:** WINC-3

**Body:**

- Domain: SGS domain text stimulation and authoring tools
- Effort: Low
- Status: High
- Duration: 15/19/91

**Comments:**

May 5/19/91 10:00

- Domain: Standardized integration tools
- Effort: Low
- Status: High
- Duration: 15/19/91

- Domain: Reduced SEE software development cost and schedule
- Effort: Low
- Status: Low
- Duration: 15/19/91

- Domain: Reduced SEE software development cost and schedule
- Effort: Low
- Status: Low
- Duration: 15/19/91
WinWin Connects to World Wide Web

WIN_CONDITION

- ID: bost-WINC-1
- Owner: bost
- Role: User
- Creation_Date: 10/11/93 00:00
- Revision_Date: 02/01/94 00:00
- Name: Interoperable SEE functions
- Body: Interoperable SEE functions
- Priority: High
- Status: Active
- State: Uncovered
- RelatedTo: bose-AGRE-5
- ReferencedBy: bose-AGRE-5
- Comments:

The SEE tools operate within a software-bus framework.

- ID: bost-WINC-2
- Owner: bost
- Role: User
- Creation_Date: 10/11/93 00:00
- Revision_Date: 02/01/94 00:00
- Name: Demon-specific Simulation capability
- Body: Demon-specific Simulation capability

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WinWin Connects to Other Tools, E.g. Cocomo