Client Interaction Report

Student Scheduling System

Team 10

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Questions the Team 10 asked:
- Can you describe workflow of the current system?
- Are there any artifacts you could provide us?
- Can we get access to current system?
- Should we re-implement start from scratch or continue the work based on current system?
- What are your initial goals of the system this year?
- Do you have any specific constrains of language and tools to use?
- Do you have any specific requirements of algorithm performance?
- Do you have any specific system constrains?
- Do you have any specific requirements for user interface?
- Is the system source code available right now?
- Which time is most convenient for you to attend our meeting?
- What do you think is the best way for us to keep in touch with each other?

Questions the client asked:
- How many team members do you have this semester?
- Can you develop some test cases to test current system in order to get a better understanding of the current system defects?
- Can you test the system to see how much extra stuff the student can input while still having the system construct a schedule in a reasonable amount of time?
1.1 Current Infrastructure

Hardware:
The current system is deployed on Cloud Server by last year team 6. However, it will finally be installed on Steven’s Institute server by next semester.

Software:
Current software infrastructure is listed below:

**Server Side:**
- UNIX Server or Windows Server
- Java Runtime Environment 6 or higher
- MySQL Server
- PLAY framework for Java
- Java IDE for maintenance

**User Side:**
- Windows, Linux, Mac OS X or equivalent (mobile) operating system that can operate supported web browser
- Google Chrome, Mozilla Firefox web browser, Safari, IE 7 or higher
- Java Runtime Environment 6 or higher

However, we would replace some of them if necessary through further win-win negotiation.

1.2 Current Artifacts

<table>
<thead>
<tr>
<th>Artifact</th>
<th>Description</th>
<th>Requested/ Shown/ Received</th>
<th>Planned Delivery Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>User Manual</td>
<td>General guidance which includes introduction to the software, Installation procedures, operational procedures and some troubleshooting.</td>
<td>Received</td>
<td>N/A</td>
</tr>
<tr>
<td>Scheduling Algorithm description</td>
<td>Document describes algorithm that was used in the current Student Scheduling System</td>
<td>Received</td>
<td>N/A</td>
</tr>
<tr>
<td>Project Documentation</td>
<td>Documentation related to the development of the current project.</td>
<td>Received</td>
<td>N/A</td>
</tr>
<tr>
<td>Source Code</td>
<td>Source code for existing software</td>
<td>Requested</td>
<td>10/2/2013</td>
</tr>
<tr>
<td>Study Plan for CS undergraduates (2008- 2013)</td>
<td>Documentation indicates what courses an undergraduate student should take to complete his or her degree</td>
<td>Received</td>
<td>N/A</td>
</tr>
</tbody>
</table>
1.3 Current Business Workflow

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Student

1. Chooses degree path (CS, IS, CybSec)
2. Picks electives and how many years to graduate
3. Pick different electives or modify years to graduate

Advisor

1. Attempts to create study plan that fill requirements and students electives
2. Study plan exist?
   - Yes: Attempts to create study plan that fill requirements and students electives
   - No: Follow study plan to graduate

Follow study plan to graduate
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