*Automated Grading and feedback tool for java*

Meeting Minutes

Meeting Date: 07/11/2017

Meeting Location: Library

Approval: 07/11/2017

Recorded By: Harish Babu Achanta

1. **Attendance**

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| --- | --- | --- | --- |
| **Name** | **Title** | **Organization** | **Present** |
| Siva Reddy Mekapothula | Primary contact, | NWMSU | Y |
| Sunil Kumar Sangaraju | Quality and testing management | NWMSU | Y |
| Vamshi Krishna Girikala | Requirements management | NWMSU | Y |
| Venkatesh Katragaddda | Issues management | NWMSU | Y |
| Madanamohan Reddy Govindu | Data management | NWMSU | Y |
| Harish Babu Achanta | Client management | NWMSU | Y |
| Prasanthi Rani Bhogaraju | Communications and documentation management | NWMSU | Y(skype) |

# Meeting Location

Building: B.D. Owens Library

Conference Room

Conference Line: N/A

Web Address: N/A

# Meeting Start

Meeting Schedule Start: 11:00 am

Meeting Actual Start: 11:00 am

Meeting Scribe: Fourth Meeting

**Chair of the Meeting**: Siva Reddy (Primary Contact)

# 4 Agenda

* **Functional specs to contain the code structure**
* To discuss and document the functional specifications to contain the code structure for each module like login validation, output file comparison etc.
* **Necessity for a detailed requirement document**
* **Updates to the software architecture**
* To discuss the changes to the software architecture.
* **Research on implementation tools**
* Discuss about the need to start researching on the software tools required to implement the project.
* **To Employ Slack for Collaborative working**
  + Discuss and re-emphasize the use of online slack application to share the documents with the team and work in groups.
* **Reviewing the Gantt charts**
  + The Gantt charts need to be more specific as per the project management plan.
* **Client Deliverables**
  + To discuss and document all the client deliverables that serve as a evidence and clear cut idea of what we are developing for the client.
* **Updates to test plan**
  + The test plan needs to be updated with more detailed test cases for every item that’s being tested.

**Team conversation:**

**Prasanthi:**

Prasanthi has joined the meeting through skype for business and discussed to include the code structure for the modules like output file comparisons between the

students java code output and expected output, code structure for reading various test inputs that are uploaded by the instructor. **(11:00am - 11:10am)**

**Madan:**

Madan has gone through the software architecture design and spoke on the necessary changes to be made to the current architecture. He discussed on including use case realizations, subsystems and the classes that describe the logical behaviour of the system. **(11:10am - 11:15am)**

**Vamshi:**

Vamshi has started off with reevaluating the Gantt charts and read it out to the team if we are on or off schedule as part of the project management plan and he concluded that we are lagging in few of the client deliverables like requirement document(partially completed),software architecture is missing the details of TSO model.**(11:16am - 11:20am).**

**Harish Babu Achanta:**

Harish has discussed that he needs to update the requirements document as they aren’t clear and not chronologically ordered and also emphasized on the requirements needs to be more detailed and especially the login credential validation should be done more in detailed like what should the password contained and what is the password length and it should be alphanumeric etc.(**11:20am 11.25am).**

**Siva Reddy:**

Siva Reddy has put forth few questions pertaining to the data management plan like are we really in need of a database and the debate happened on employing a NoSql database like MongoDB for password validation and half of the team gave few alternatives of using a flat file for password validation rather than employing a database. Finally the team agreed upon using a flat file for data validation and use wamp server for data storage and processing.**(11:26am - 11:33am).**

**Sunil:**

Sunil discussed about some new test cases for some modules like login where the password length needs to be 8 characters and it should be alphanumeric because the client has changed the requirements of the project so based on the new requirements, i have decided to use some existing test cases and also planning to use some new test cases so as to meet the new requirements of the client. (11:35am - 40am)

**Venkatesh Katragadda**

Venkatesh spoke about the necessity to research on the software tools and framework required for the project implementation. He emphasized on effort distribution as the team is working 5.50hrs/day that equals 27.5hrs/week and he advised the team needs to increase on the working hours to get an effort of at least 37hrs/week.(**11:40 - 11:45am)**.

**Meeting End**

# Meeting Schedule End: 11:45am

Meeting Actual End: 11:45am

# Post Meeting Action Items

|  |  |  |
| --- | --- | --- |
| **Action** | **Assigned To** | **Deadline** |
| Research on employing the flat files for data management plan for the project | Siva Reddy | 07/17/17 |
| Prepare the functional requirements document and basic prototype | Harish Babu Achanta | 07/17/17 |
| To prepare the functional specification document for the project | Prasanthi Rani Bhogaraju | 07/17/17 |
| Develop more specific Gantt charts and modify the time required to accomplish the tasks. | Vamshi Krishna Girikala | 07/17/17 |
| Include both Software and Hardware Architecture and document the system architecture as a whole. | Madanamohan Reddy Govindu | 07/17/17 |
| Update test plan document according to client requirement changes and write detailed test cases for the associated requirements. | Sunil Kumar Sangaraju | 07/17/17 |
| Update and re-document the project management plan and also the Effort estimation | Venkatesh Katragadda | 07/17/17 |

# Decisions Made and why?

* Prasanthi promised to document and deliver the functional specification document by end of the week.
* Vamsi had a plan to update the gantt chart and Work breakdown structure by increasing the working hours for each tasks for better quality and output.
* Siva Reddy had evaluated various data management options and partially agreed upon using a flat file for managing/storing the data.
* **Flat file** databases are typically independent of each other or self-contained, and require no outside architecture to define or store the data for later interpretation.
* Harish took the responsibility of delivering the updated requirement document with more meaningful and detailed requirements by end of week.
* Sunil came up with new test cases for some modules like login, file upload, compilation, error reporting, feedback according to the new requirements
* Madan expects to deliver a fully developed software architecture by the end of the week focusing more on the logical and database view of the system.

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# Next Meeting

Next Meeting: Library 07/17/17 18:00