SE 110: SOFTWARE ENGINEERING

Spring 2014

1. Project proposal
2. Time sheet
3. Weekly status report
4. Project Management Document

NOTE: PUT ALL SUBMITTED DOCUMENTS UNDER VERSION CONTROL

Project Proposal

Date of submission : Mention actual date that is announced.
Mode of Preparation : Group
Submitted to: TAs (Please mail it to deepti.janand@iiitb.org, khusbu.bubna@iiitb.org)

The following details should be included in your project proposal.

1. Title of your Group Project
2. Team members (Name & Roll Number)
3. Name of the Supervisor
4. Date
5. Version number
6. Start Date: Actual start date, End Date: Mention expected date of project completion.
7. Objectives of the Project
8. Functionalities (briefly, maximum limit is two pages)
9. Project Deliverables

   (a) Milestones (at least five intermediate milestones)
   (b) List of final deliverables

      i. Complete documentation (internal included)
      ii. Report for audit
      iii. User guide (includes deployment guide, end user guide etc.)

10. Estimated total time (unit: hours) (Please specify a break down of different project activities)
11. H/W and S/W requirements (attach a separate document, if necessary)
12. Technology / Architecture (attach a separate document, if necessary)
13. Standard to be followed throughout the project (team need to fix a standard and follow the conventions recommended).

Above details should be submitted as a propoal document and its corresponding pdf file should be named using the naming convention **pp-< *your abrreviated project title* >-spring-14.pdf** for submission.

Time Sheet

Submission : Weekly.
Date of Submission: Every Friday till End of Project.
Mode of Preparation: Individual and on daily basis.
Structure: Please use the provided template.
Submitted to: TAs (Please mail it to deepti.janand@iiitb.org, khusbu.bubna@iiitb.org)

1. Date of Preparation: On daily basis
2. Title of your Group Project
3. Roll No.
4. Name of the Student
5. Activity code (generic)
6. Hours worked

Weekly Status Report

Submission : Weekly.
Date of Submission : Every Friday till End of Project.
Mode of Preparation : Group.
Submitted to: TAs (Please mail it to deepti.janand@iiitb.org, khusbu.bubna@iiitb.org)

The following details should be included in your Weekly Status Report (WSR)

1. Brief summary of work done during the week (member wise).
2. Time spent in the project during the week - in hours (member wise).
3. Plan for next week (member wise).
4. Total time spent till now (in hours).
5. Estimated total remaining time (in hours).
6. Status with respect to the project management report (ahead of schedule/as-per-plan/slippage) and reasons, if delayed.
7. Problems faced related to the project, if any.

Above details should be submitted as a WSR document and its corresponding pdf file should be named using the naming convention **wsrNN-ddmm.pdf** for submission, where NN indicates report number beginning from 01, dd indicates date, mm indicates month between 01 to 07. For e.g., wsr01-1101.pdf

Project Management Document

This project management document (PMD) is the starting point for a member to know about all aspects of the project. It may not contain the details but tells you where to find any aspect of the project, what is project about, what are the components of the project, where to find them, who are the customer(s) etc.

1. Activity list (Estimate time for each activity. Mention probable dates.)

   (a) Formulation of the problem
       i. Reading relevant background information
       ii. Understanding and documenting the requirements
       iii. Discussions
   (b) Designing a solution, documentation
   (c) Relevant learning
   (d) Coding and unit testing
   (e) Documentation
   (f) Testing
   (g) Reviews
   (h) Re-work and de-bugging

2. Project Plan: For each activity, your estimated start date, end date, responsible person(s).

3. Testing Strategy:

   (a) For each requirement, test transactions, expected results
   (b) Test cases for the design
   (c) Test cases & expected results for integration
       i. Module integration
       ii. User Interface integration
   (d) Test data, expected results for unit testing

   For each of the above testing activities, the following should be clearly specified.

   (a) Schedule
   (b) Responsible person
   (c) Placement of test cases, test data & expected results (folder/files)

4. Any other special activities and an appropriate breakup with estimation, as recommended by the standard fixed.