Project Management for student's project

Agenda: Project Management framework and best practices in a student's project

Time: Feb 20, 2019 3:00 PM India (duration: 45 minutes)

Speaker: Suresh Thiagarajan, Director (Quality and process consulting) - Fermata consulting

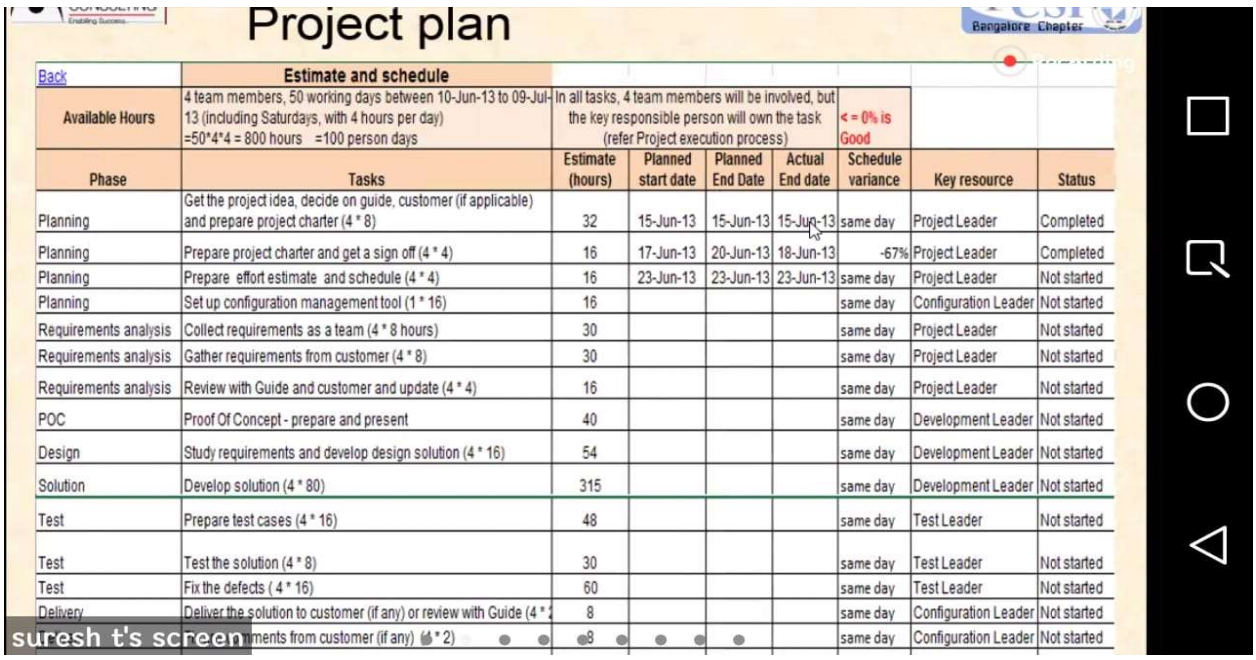
Department of Computer Science & Engineering along with Computer Society of India- Bangalore chapter organized Zoom tech talk on the topic and agenda mentioned above.

Around 25 students from department of computer science and engineering joined the meeting from different location. Few students assembled in classroom A104 and few were at Adobe lab.
Participants joined the zoom Meeting at the following URL

https://us04web.zoom.us/j/732472406

Speaker gave an insight of project management framework, Project management toolkit for student projects, best practices in project management of student projects and benefits during his session.

Enclosed the session photos:



Project plan

Bangalore Chapter

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Estimate and schedule								
Available Hours	4 team members, 50 working days between 10-Jun-13 to 09-Jul-13 (including Saturdays, with 4 hours per day) =50*4*4 = 800 hours =100 person days	In all tasks, 4 team members will be involved, but the key responsible person will own the task (refer Project execution process)				< = 0% is Good		
Phase	Tasks	Estimate (hours)	Planned start date	Planned End Date	Actual End date	Schedule variance	Key resource	Status
Planning	Get the project idea, decide on guide, customer (if applicable) and prepare project charter (4 * 8)	32	15-Jun-13	15-Jun-13	15-Jun-13	same day	Project Leader	Completed
Planning	Prepare project charter and get a sign off (4 * 4)	16	17-Jun-13	20-Jun-13	18-Jun-13	-67%	Project Leader	Completed
Planning	Prepare effort estimate and schedule (4 * 4)	16	23-Jun-13	23-Jun-13	23-Jun-13	same day	Project Leader	Not started
Planning	Set up configuration management tool (1 * 16)	16				same day	Configuration Leader	Not started
Requirements analysis	Collect requirements as a team (4 * 8 hours)	30				same day	Project Leader	Not started
Requirements analysis	Gather requirements from customer (4 * 8)	30				same day	Project Leader	Not started
Requirements analysis	Review with Guide and customer and update (4 * 4)	16				same day	Project Leader	Not started
POC	Proof Of Concept - prepare and present	40				same day	Development Leader	Not started
Design	Study requirements and develop design solution (4 * 16)	54				same day	Development Leader	Not started
Solution	Develop solution (4 * 80)	315				same day	Development Leader	Not started
Test	Prepare test cases (4 * 16)	48				same day	Test Leader	Not started
Test	Test the solution (4 * 8)	30				same day	Test Leader	Not started
Test	Fix the defects (4 * 16)	60				same day	Test Leader	Not started
Delivery	Deliver the solution to customer (if any) or review with Guide (4 *	8				same day	Configuration Leader	Not started
	ments from customer (if any) (4 * 2)	8				same day	Configuration Leader	Not started

Gathering requirements

Category	Requirements Description	Requirements ID
Understanding the scope	<Draw a context diagram of the project using the example given in 'context diagram' sheet>	-
Software requirements	<eg. The application should have a login feature with userid and password>	<SR001>
Software requirements	<eg. The PMS application should have a Requester module where a requester will be able to submit a request for the item he / she is planning to purchase.	<SR002>
Software requirements	<eg. The request form should have the following fields: request id, requester name, item name, item specification, item quantity, item [illegible] act details, budget approval, reque[illegible]	<SR003>
Software requirements	<eg. Request [illegible] ys>	<SR004>
Software requirements	<eg. Request [illegible] le on daily or weekly or monthly bas[illegible] by, item requested, value of items, supplied by vendor and so on>	<SR005>
Software requirements	<use Operating systems like Linux or Ubantu considering the license	<SR007>
Hardware requirements	<eg. The system requires server of specification ..... And 5 desktops of specification ..... With a LAN connecting the server and desktops>	<HW001>
Mechanical requirements	<the microprocess has to be mounted on a heat sink as per the mechanical drawing shown>	**<HW006>**
Electrical requirements	Electrical connections are as given in the document.....	**<HW0013>**
Constraints	<currently Net is being used>	-

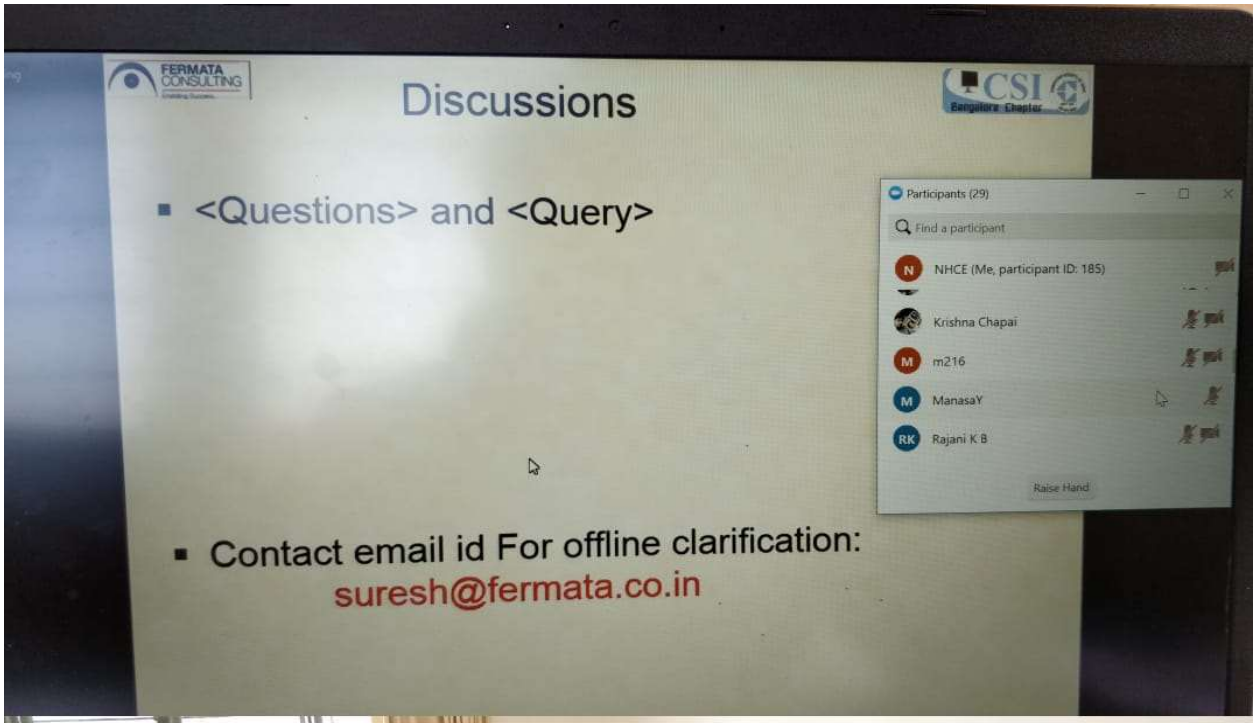
vinayak joined

Project Workbook

Planning	Requirements Analysis
Proejct Charter	Requirements Analysis Document
Project Plan	Context Diagram
Minutes of Meeting	Functional Requirements
Action Items Tracker	Non Functional Requirements (NFR)
Configuration Management Tool Set up	

Design solution	Testing
Design Document	Test Cases
Brainstorming	
DAR - Decision Analysis and Resolution	

Delivery
Delivery document


FERMATA CONSULTING
Discussions
CSI Bangalore Chapter
<Questions> and <Query>
Participants (29)
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