



Daffodil
International
University

Project Proposal

Course Code: SWE332

Course Title : Software Engineering Project II (Web Programming)

Submitted to:

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1.1. Overview

1.1.1. Background

In our real-life scenario, we work in many projects or somehow involved in many projects, but in an undisciplined way. We do not maintain our workflow or keep tracks so we cannot see the project overview Or current state we're in, team collaboration also done in a messy way. So, the project named 'HAAPEN' helps us to create projects and associate individuals and distribute tasks or collaborate and keep track, all in one place.

1.1.2. Objectives

HAAPEN will be a web based system which will resolve the traditional problem of maintaining projects' track and proposal making procedure. As the numbers of web surfers are increasing day by day, a web base solution will be certainly more accurate than a traditional desktop base solution. The project member as a user will only be able to view the assigned project and task. The users will be-

1. Admin/Supervisor

The list of operations that the system will provide are-

1. A project manager may use the software to map project tasks and visually describe task interactions.
2. Allows the project manager to create and assign tasks, establish deadlines, and produce status reports.

1.1.3. Scope

HAAPEN is a work management solution that enables team collaboration and communication. The project manager use **HAAPEN** to manage initiatives, create projects, and then to create tasks within these projects. Assign tasks to your teammates, add them as task followers, share projects with them, or mention them in task comments to keep everyone in the loop. The project manager may use the software to map project tasks and visually describe task interactions. **HAAPEN** enables teams to plan, organize, and track the progress of each teammates tasks. The software have the ability to send email to project member for assigning every task/project and deadline. The software have the ability to Commenting with member and manager with each other. Members never allowed to update their Project information. The multiple workspaces give you a place to organize multiple teams, projects and tasks and to stay updated on progress without the need for back-and-forth email threads. . The intentions of the system are to reduce maintaining issues of

projects and communicate with team member without any hassle. Thus the system will ensure that the progress of full project percentage will be automatically updated in the database by calculation of its task completion. So again, **HAPPEN** will save the valuable time of the Project Member and team members by introducing this Project progress tracker.

1.1.4. Assumptions and Constraints

It is assumed that the user is comfortable with computer. The user who are registered must have good knowledge on web surfing.

The user interface is in English as a result people lacking in English skill will face difficulty in using the system. Login and password is used for identification of user and there is no facility for guest.

1.1.5. Dependencies and Risks

The user must have web access in order to use the system. The main risk behind implementing the project is security. If somebody hacks the system then it will be a total disorder. So during development it will be one of our major concerns. Another concern is having common bugs such as the Project Member are having the same functionalities as the Supervisor or Project Manager.

1.2. Project Delivery

1.2.1 Deliverables

The following contents will be delivered with the project:

- a) Project CD
 - i. Project Demo
 - ii. User manual along with Tutorial
- b) Documentation

1.2.2 Timescales

Project Task	Start	End	Duration										
			7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days	7 days
Project Proposal & Presentation	23 Sept	10 Oct											
SRS	11 Oct	17 Oct											
Designing	18 Oct	7 Nov											
Coding	8 Nov	28 Nov											
Testing	29 Nov	6 Dec											
Finalization	7 Dec	13 Dec											

1.2.3 Work Distribution

Project Task	Assignee	Working Days
Project Proposal & Presentation	Azmia Haque Radhio	14 days
SRS	Azmia Haque Radhio	7 days
Designing	Azmia Haque Radhio	21 days
Coding	Azmia Haque Radhio	21 days
Testing	Azmia Haque Radhio	7 days
Finalization	Azmia Haque Radhio	7 days

1.2.4 Project Resources

Hardware Requirements		
Processor	RAM	Hard Disk Space
Pentium II or higher	64 Mb or higher	128 Mb or higher
Software Requirements		
Operating System	Database	

For user no specific OS is required. The server machine must have Windows 7/8/10 along with .NET Core and IIS.

SQL Server 2019

1.3. Summary

Time is our most valuable asset. We cannot waste it when there is scope of utilizing it in a better way. Our proposed system named HAPPEN will be developed to meet this purpose. It will save the time of the mass people wasted during the time of making Proposal submission with the Supervisor. Along with this, HAAPEN will also help the Manage to see the previous records of a Project. As a result s/he can take decisions more wisely. We hope that HAAPEN is destined to do justice to its name.

1.4. References

1. Trello [Online] URL:

<https://trello.com/en> (Accessed on 01.10.2020)

2. Asana [Online] URL:

<https://asana.com/> (Accessed on 01.10.2020)