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**Topic: Project Management System** Mini Project Extension: Yes

**Technology: PHP/MySQL Guide: Mr. Jinson Devis**

1. Project Overview?

*The Project Management System addresses the management of software projects. It provides the framework for organizing and managing resources in such a way that these resources deliver all the work required to complete a software project within defined scope, time and cost constraints.*

1. To what extend the system is proposed for?

*The proposed system enables the Manager to assign task and monitor the work progress of his/her team members. This system will also be able to provide the list of employees who are involved in particular project for particular module and time involved in development work.*

1. Specify the Viewers/Public which is to be involved in the System?

*Project owners, Manger, Team members*

1. List the Modules included in your System?

**Manager**

* *Create and manage Project*
* *Create and manage teams*
* *Assign and manage Tasks*
* *Track all activities in the project*
* *Add and manage file attachments*
* *View and add comments to a task*
* *Add and manage checklist to a task*
* *Chat system with file share*
* *Schedule Meeting and events*

**Team Members**

* *Track activities*
* *Schedule and manage Tasks*
* *Manage File*

**Admin**

* *Manage User*
* *Manage User Type*

1. Identify the users in your project?

*Admin, Manager, Team members*

1. Who owns the system?

*Freelance team/Company*

1. System is related to which firm/industry/organization?

*IT Company*

1. Details of person that you have contacted for data collection?

*Trello, Clickup*

1. Questionnaire to collect details about the project? (min 10 questions, include descriptive answers, attach additional docs (e.g., Bill receipts, certificate models), if any?)
2. What are the main required features for the system?

*The proposed system should enable the Manager to assign task and monitor the work*

*progress of his/her team members. This system should also able to provide the list of*

*employees who are involved in particular project for particular module and time*

*involved in development work. System should also able to categorize the particular*

*projects upon different modules and have look on them as and when required.*

1. Which all areas/features are optional/less important?

*We are hoping a collaborative work feature and chat room for team members. But these*

*are not that much important*

1. What is most important (rank in order of importance):

*a) Application is easier to use*

*b) Application is more efficient*

*c) Application has nicer front-end*

*d) Application has additional functionality (list)*

*e) Application is redesigned to better reflect the business*

1. Which all platforms the project should work?

*The proposed project should work on desktop and mobile devices.*

1. Is the proposed system used only by any particular type of user?

*Only personnel related to our organisation will use this system.*

1. How many stages of users are needed?

*Admin, Managers and other staffs (developers, designers etc)*

1. Which all features are specific to each type of users?

*Manager should able to assign tasks and monitor work progress of the team members.*

*Other users/team members should able to schedule their own work and enable them to*

*download their daily work report. Admin should able to manage all users and manage*

*the company’s main project database.*

1. Is these users need different need different login pages?

*I suggest a unified login page for every user instead of different logins.*

1. Which data field should be used for login credential’s?

*E-mail id and password should be used. Mobile number can be used instead of E-mail*

*Id* *.*

1. What do you hope to accomplish with the proposed project?

*The important factor which will be considered in this new system is time management.*

***Review Preparation \****

|  |  |  |  |
| --- | --- | --- | --- |
| ***Module*** | ***Functionality*** | ***Description*** | ***Status*** |
| ***Admin*** | ***Manage User*** | ***Add and manage User*** | *Partial* |
| ***Manage User Roles*** | ***Add and manage different user roles*** | *Completed* |
| ***Manager*** | ***Manage Project*** | ***Create, assign and manage Project*** | *Completed* |
| ***Manage Task*** | ***Create, assign and manage Tasks*** | *Completed* |
| ***Activity*** | ***Track all activities in the project*** |  |
| ***File attachments*** | ***Add and manage file attachments*** | *Completed* |
| ***Comments*** | ***View and add comments to a task*** | *Partial* |
| ***Checklist*** | ***Add and manage checklist to a task*** | *Not Implemented* |
| ***Chat system with file share*** | ***Chat system with ability to share files*** | *Not Implemented* |
| ***Calendar*** | ***Schedule Meeting and events*** | *Completed* |
| ***Team Members*** | ***Track activities*** | ***Track all activities in the project*** | *Completed* |
| ***Manage Task*** | ***Schedule and manage Tasks*** | *Completed* |
| ***Manage File*** | ***Add and manage file attachments*** | *Partial* |

\* Include Main project Components & Functionality only