

# *The Heebee Jeebees*

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Project Title: Task Manager

Project Category: Web-based app

## **Project GitHub Repository:**

[https://github.com/sumaiya-mehjabin/task\\_Manager.git](https://github.com/sumaiya-mehjabin/task_Manager.git)

## **Project Promo Video:**

[https://github.com/sumaiya-mehjabin/task\\_Manager/raw/master/promo-video.mp4](https://github.com/sumaiya-mehjabin/task_Manager/raw/master/promo-video.mp4)

## **Introduction to Task Manager:**

I created a web-based app which name is “ Task Manager” . This is a helpful platform to manage team work easily. Anyone can sign up in this system and create a project to manage its development, he can add his development team members to the project and assign them task easily. Also user can easily manage multiple project in one platform.

If a user create a project, then he/she is project manager by default. And if the same user added by another user in a project, then the user is member/collaborator of that project. So a user can handle multiple types of responsibilities using one single account on this system.

## **Feature Description:**

The project creator can set start date and deadline of project which will help developers plan the work flow the project. And also it will help to finish project in time

As the Project manager assign tasks to collaborator/developer with deadline so each developer or collaborator know by when his assigned task needs to be finished which will help him/her maintain the work speed.

As everyone can see which collaborator/developer working on which task and the progress of task so everyone including project manager have clear idea of the progress of the project.

In the dashboard of this system the user have two tabs one to show the list of project which he has created and another to show in which he has been invited to collaborate. In the on project list user can add members to project, remove members from project and update information about projects.

So keeping track of work progress and time management is the main feature of this application.

## **Technical Description:**

Platform: PHP

Programming Language: PHP, JavaScript

Markup Language: HTML5

Styling language: CSS3

Database: MySQL

Libraries: Bootstrap, JQuery, Popper

### **Project structure details:**

#### **1. Task Manager (Project root)**

- a. globals** this directory contains files which are used globally like (core.php, header.php)
- b. resources** directory contains the style sheets and plugins which are used in this project
- c. System** directory contains the backend system of this application.
  - i. Auth** directory contains files which process the login, registration process
  - ii. Projects** directory contains backend system for the main application system like project create and task management.
  - iii. authCheck.php and loginCheck.php** files are used to check if user is logged in or not and redirector accordingly
- d. index.php** main dashboard view file
- e. login.php** login view file
- f. register.php** registration view file
- g. project\_details.php** project details view file
- h. task\_manager\_db.sql** system exported database

## **Future Plans:**

1. Adding a real-time chatting system so that user can communicate with each other.
2. Adding checkbox type task creation.
3. Adding system to upload media files like image and videos to make tasks more understandable.
4. Adding email notification system to notify collaborators about deadline.
5. Creating mobile application so that users can use this system more easily.