

CS5130 Term project Proposal

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2 WebApp Name: To-Do List

3 WebApp Description:

In our daily busy life, one always has many things/tasks/short-term goals to accomplish on a day. And sometimes people forget to do things that are important and get frustrated not being able to complete them as the day goes forgetting them. In Business area, other people will have to chase you to get things done while struggling to keep up to deadlines because of heavy workload. Traditionally, we write in notes/ diary to keep track of them, but as the technology advanced, we are going to utilize the web application. To-Do List web app is for general daily usage and the main aim of this application is to create goals/ tasks so that user can track and complete them by specified point of time. The end users can manage their day-to-day tasks or things that must be completed in a day in much more organized way by prioritizing them. With to-do list, users will get clear outline of tasks to be completed or important for the day and able to work on the tasks that are important and leave less prioritized one to little later if time is not sufficient. Users can mark the tasks completed and able to move onto next one orderly. With the help of this app, user will be more effective by completing all the important things and tracking the next goals/ tasks on a day.

4 WebApp Functions & Pages:

- Functionalities (what the WebApp does)
 - WebApp will have home page with login and Registration actions and basic info of application
 - New User can register and login to store all the to-do lists/tasks created by him/her
 - User can create task, and can provide date as expected deadline while creating task
 - User can view all to-do list/tasks as Today's and Upcoming tasks
 - User can edit task after creation
 - User can delete task if no longer necessary
 - User can mark the task as completed once done
 - User can prioritize the task as High, Medium, Low
 - User can tag his task to either personal category for personal things or business category for work related
 - User can be able to see the tasks which are not completed by end of day in the warning section on view all to-do list page so that he can set next deadline for the task or complete the task immediately on next day
 - User can logout from the app once done!!

- Files needed (list of files that we make and description)
 - index.html: Landing page of application with Login/Registration actions and Basic Info.
 - pdo.php: Contains database connection related details and authentication information
 - login.php: for login and authenticating user to access application- jQuery for validation
 - register.php: for registration and adding user to database
 - logout.php: for logging out logic and page after logout
 - all-todos.php: Landing page once user logs in to application, displays all to-do list here
 - add-todo.php: For adding to-do task and saving to database
 - view-todo.php: For viewing to-do task – will have edit and delete options
 - edit-todo.php: Logic of editing to-do task and saving to database
 - delete-todo.php: Logic of deleting to-do task and saving to database
 - utility.php: To store reusable functions in one place and call it to this file
 - database.txt: Will have configuration of database – SQL commands- MYSQL Database
 - mystyles.css: To store all the CSS related code required for app.
 - todo-app.js: To store all front-end styling or any client-side validation required for app
- (Note: Functionalities/ Files may increase or decrease while we progress through the work, this is just for initial proposal. But the main theme of project will be carried out through the end)

5 Contribution:

- Student #1: Venkata Lakshmi Sasank Tipparaju - #700738838
 - Todolist functionalities and logic of all CRUD Operations (PHP, HTML, jQuery)
index.html, all-todos.php, add-todo.php, view-todo.php, edit-todo.php, delete-todo.php, utility.php
- Student #2: Jaya Chandu Mandava - #700733924
 - Front end styling, MySQL Database Structure and Configurations, pdo.php and database.txt, todo-app.js, mystyles.css, and register.php, login.php, logout.php,