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Task Manager Software Project

PROJECT DESCRIPTION

We are developing a task managing software in which businesses can use to manage projects via connections to a server that is running the software. A user should be able to delegate tasks over the server to another user. When the user receives a task, the user will be able to acknowledge the task and it will be added to their queue of tasks based on priority. A user should be able to also create tasks of their own as well. Upon completing a task, the task will automatically be moved into an archive folder for record keeping purposes. Tasks can be organized by their category, which can be specified by the user who sent the task to another user or by the user who received the task. Tasks will be able to be moved to a trash folder, where they can be recovered or permanently deleted. Users who have delegated tasks will be able to view their delegated tasks as well as tasks they are trying to complete. Tasks will be able to be sorted by who sent them/who you sent tasks to. A user will be able to add notes to a task for record keeping purposes.

GOALS OF PROJECT

Upon completion of the project, users will be able to use the software to manage any and all tasks related to a business's projects. Users will be able to receive and assign tasks to other users based upon their user status. Users will be able to mark a task as completed once the requirements for said task have been fulfilled. A user will be able to search through previous tasks for specific information regarding the task or to view the progress on a specific task.

LANGUAGE SPECIFICATIONS

The software will primarily be coded using the Java object oriented language for the functions as well as the graphic user interface. A mySQL database will be implemented using mySQL queries to store and retrieve all entries into and from the task management software.

ASSORTED TECHNICAL FEATURES

User accounts will exist for an admin user and standard users. An admin user will have the capability to add or receive any task and assign any task to any existing user or users on the system. A standard user will have the capability to receive or request tasks as well as requesting that a different user takes responsibility for a specific task. In order to verify identity, users will be required to login.

The database will store all information in the system. Each **task** entry into the database will store information such as the date received, date due, user or users working on task, user who assigned task, description of task, a list of files relevant to task, notes for a task, and a list of changes to a task, and other relevant information to the task. Each **user** entry into the database will store information such as admin user or standard user and the name of the user.

POSSIBLE FUTURE FEATURES

USER ENTRY

ADMIN OR STANDARD

TASK ENTRY

DATE ASSIGNED

DATE DUE

OTHER INFO ABOUT TASKS

LINK TO LIST OF CHANGES TO A TASK (LIST OF OTHER TASKS)