

Cemetery Management System Project Requirements

CSC 3380
Christopher Duong
Jared Key
Cameron Martin
Luke Higginbotham

User Stories

- Users will be able to login into the program which will bring them into the UI for their specific cemetery, along with giving them access to relevant database information.
 - The user inputs login credentials. If the login credentials are correct, the UI is displayed. The UI displays information for the logged in account. The user can access the system's features.
- Users can access the hotbar tab which contains shortcuts to important features from anywhere within the program.
 - The UI displays the hotbar tab. The hotbar tab contains shortcuts to features. The user clicks a shortcut. The UI displays the feature of the clicked shortcut.
- If the records tab is pressed, the database for the cemetery will appear, allowing searches through records with various fields, editing old records, and adding new records to the database.
 - The user presses the records tab. The database for the cemetery appears. If the add record button is pressed, the UI for inputting information is displayed. If a search query is input, all records matching the query are displayed. If a record is clicked, the UI for editing information is displayed.
- If the map tab is pressed, a map of the cemetery will appear with a well-defined legend which includes plot labels, relevant information tied to that plot, as well as work orders or maintenance that is required among other things.
 - The user presses the map tab. A map of their cemetery is displayed along with a map legend. If the user clicks on a specific plot the UI will display work orders and maintenance requests for that plot.
- If the social tab is pressed, the user will access all of the employees and what roles they play at the graveyard. Here, you can also see the recent history of the graveyard, such as a log for recent landscaping maintenance, and a calendar with upcoming events.
 - The user presses the social tab. The UI displays a list of employees and their roles at the cemetery. The UI gives the user an option to view recent history and the calendar. If the recent history is pressed past maintenance requests are listed. If the calendar tab is pressed the UI will display a

calendar. If the user clicks on a specific date the user is given the option to input the upcoming event name as well as what time the event starts and ends.

- If the settings tab is pressed, the user will be able to see a wide variety of options. One of those options would be a 'darkmode' option, changing the overall theme of DED to a darker color, making it easier on your eyes if wanted. Another option would be to adjust the size of the characters on the users screen, to help people who enjoy having a larger text font to read. You could also add or delete employee roles.
 - The user presses the settings tab. The UI displays an option to change the window into dark mode. The settings tab also displays a character size option. The last option that is displayed is an add or delete employee roles tab. The user will be able to edit the roles of current cemetery employees.
- If the search tab is pressed the user will be able to search family names to find plots and plot information. Any family members related to that person (that are also buried at the user's cemetery) will be displayed.
- Users will be able to access our support line with a wide range of questions pertaining to installation and tutorials to more in depth queries on specific aspects of our software.
- If the logout tab is pressed the user will be able to log out of the DED program. Once "logout" is pressed the user is brought back to the login page.