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| **Alpine BSF Program**  White and Blacklisting Volunteer System |

The following documentation outlines the process and workload of Group 5 and will go into exclusive detail on how each step was taken to achieve, or almost achieve, our final product. The following will also annotate any struggles that were approached within the project, we were assisted in reaching our goals by all members of the Alpine umbrella GitHub.

The initial setup of Group 5’s work started with planning and collaboration between groups. The of the members of Group 5 are the following: Ali Khaef, Kelby Abel, and Jace Zavarelli. Each member of the group follows a specific task in development, which consisted of documentation, leadership, coordination, frontend development, and backend development.

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| **Members** Objectives and Goals |

Group 5’s main interest will be to create an admin level access to the volunteers that sign up through the provided forms. (The forms will be provided in some form that will add all signing volunteers to the DB)

The group will work on building a new page, accessible from the admin view, that will act as a tool for viewing all members and blacklisting those who are banned from the volunteering service, or further. This tool will be simple and concise to use and will feature an identifier to show the blacklisted individuals within the web application. This means every member is automatically whitelisted upon joining. Blacklisting automatically only occurs if the key, provided to volunteer at sign up, is invalid and cannot be allowed into the system. Each member who is blacklisted will be provided a reason for blacklisting, and will be thus banned from signup, or access, as necessary.

This view will also allow the easy editing, by administrators, of volunteer’s details, which can help to deal with any misspellings or other issues that could arise. Group 5 is set to create a volunteer view page for administrator use and will be able to simply blacklist individuals as needed.

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| **Members** Tasks and Activities |

The group members had important task and are defined as such:

* Ali Khaef: Set the task of being the **Front-End** developer during our project. This task defines the visual side of the project and the interactable components that will be present.
  + The primary port of interest and work will be the 50XX port when on an individual level, which will be used in React development to create a main page.
  + The main page of whitelisting and blacklisting will consist of a database view and basic navigation components. (Scroll bar, back button, search navigation, etc.)
  + The individual members of the whitelisting and blacklisting will have an interactable component, which consist of selection and editing of minor details. Since forms are being implemented, many of the important details will be provided to the database, and the two major columns of our interest will be easily attached.
* Kelby Abel: Set the task of being the primary **Back-End** developer during our project. This task ordains the use of MySQL, JavaScript, React, and Express to connect to the interactable components of our Front-End.
  + The Back-End development is essential to providing direct functionality of the Front-Ends main buttons and interactable items, which shows how important it is to update the DB with Back-End coding.
  + The Back-End will not only bring functionality to buttons and selection within the web application page that group 5 is developing. The Back-End will also create a system to easily update volunteers and view the exact information that our DB will provide.
* Jace Zavarelli: Set the task of being the communicator and secondary **Back-End** developer during our project. This task means linking and planning with the group, while also being an advocate to other groups to create connections within the web application. This task also ordains the use of MySQL, JavaScript, React, and Express to connect to the interactable components of our Front-End.
  + The documentation list all important things about the project as a whole and consist of details, citations, source code, and any important notes about the creation/ development of the project.
  + The communication between groups to create important ties/ communication will allow all groups to succeed in their individual functions. However, the spokesman has the task of creating those communication pathways, and to help relay information about updates that GitHub fails to note upon.
  + The Back-End development acts as support for the primary development but will be a major support for the SQL development with Node. Jace Zavarelli has openly stated his knowledge about the SQL language due to enrollment in Databases. This means the development of Node code will run much smoother for integrating new columns into the database files.

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| **Works** Cited |

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