

User Goals Document

APP Name:

Asher

Description:

Asher application is designed to streamline the process of post-fire assessments. It serves as a crucial link between post-fire assessment field teams and scientists, enabling efficient data collection for analysis. Field teams can use this application to record essential data such as ash color, geolocation, environmental description, and the depth and moisture content of the ash. They can also capture images of the ash samples directly within the app. This data collection allows scientists to evaluate the impact of the ash on the affected area. It plays a pivotal role in planning and executing effective post-fire interventions.

User Types:

A list of unique user types of this application and their role in the usage of the application.

1. **Scientist:** The scientist user's age group can be from 30 years to 60 years and the expertise with the technology might not be strong but they can have a good understanding of the technology. This role will have access to the data stored in the database for the research purpose.
2. **Post-fire assessment team:** The post-fire assessment team user's age can vary from 22 to 50 years and their expertise with the technology can be decent. These user's work on the field to collect the data, their role include in capturing the pictures of the ash and recording the necessary details of the ash, they can also use the application in offline mode.

User - goal Table:

User	Goal
Scientist	<ol style="list-style-type: none">1. Evaluate the data stored in the application's database.2. perform research and testing to derive meaningful insights from the collected data.
Post-assessment team	<ol style="list-style-type: none">1. Capture the image at the field location and record it with other necessary details in the application.