Audience and Task Analysis

User Profile:
The users for this application are divided into two distinct personas:

• The first group of users to use this app are the Hydrologists who are using this app for data collection and analysis of the aggregate data. These users will be assumed to have a moderate level of technological competence with immediate access to both the backend as well as the usable front-end of the application.

• The second group of users to use this app are enthusiasts or volunteers set out to contribute to the application at their own will. They will not be analyzing the information, just merely inputting it. This user will be assumed to have a moderate technological competence as well.

Major Goals and Main Task:
The major goals of this application for the users is as follows:

• To collect (in both text from and/or picture form) the measurements of the staff gauge.

• To view aggregate data collected from the field and displayed for the users in a simplified format.

The main task that the user will accomplish is:

• To collect the staff gauge information from either manual or automatic (image processing) entry.