

Goals	Specific Requirements	Specifications
Improved User Interface	Users should be able to create their own visually appealing signs to show their status.	Using markdown, allow users to create signs. Store signs in a database for access in other modules. Users should be able to view the signs of others via a link. Update UI to implement modern web design standards.
	Users should be to create rules in a simplistic and easy to understand manner.	Users can use several drop down menus to create a ruleset that handles changing states. These should be stored for each user separately inside of the database.
	Users need to be able to view the signs (current status) of others.	See first specification.
	SENSE should be accessible to all, including people who have color blindness and mobility issues.	Add alt-text to each component to be compatible with screen readers. Add tab to change focus for each component and ENTER to click buttons.
	Users should be able to create their own SENSE account	Use the authentication system already in place to support logging in. Allow for registration, changing passwords, and creating a profile via user interface.
Multi-User Support Testing	Multiple users should be able to use the SENSE platform	Able to take in multiple users data.
	The system provides customized status updates	User can set their own status. User can view the status of others and vice versa.
	Each user should have a profile and a unique username	User's can create their own profile via a modern User Interface. User profiles will be linked to a unique username. A second user will NOT be able to register with the same username.
	Able to store multiple users' data	Store each user's data in postgres database.
	Test that the system supports multiple users	Ensure the system supports concurrent users. Ensure the system is able to handle up to 20 users.
ALDS Implementation	Functional Implementation for ALDS	Read user location and send location data to CEDES server. Allow users to start and stop location tracking.
	Support location based rule	Users should be able to create rules in sherpa based on the locations defined by the user on ALDS. User input work address when account is created.
Documentation	Documentation should be clear and concise	