

## User Story and Product Backlog

Two Apps will be developed as part of the solar water heating scenario.

### User Story

001	As a user I need an app that schedules installations	<ul style="list-style-type: none"><li>• An app to support commercial installations and a second app to support residential installations</li></ul>
002	As a residential user I need a mobile standard console that is linked to the system So I can monitor and adjust the system operations and outputs	<ul style="list-style-type: none"><li>• Console will be mobile and require no hard connections</li><li>• Console will access the system via wireless</li><li>• Console will provide monitoring capabilities and let user adjust system operations and outputs</li></ul>
003	As a commercial user I need an app that will let me configure the system in real-time to meet changing environmental conditions	<ul style="list-style-type: none"><li>• An app that will link with the solar water system and provide real-time data, metrics, system monitoring &amp; troubleshooting capabilities and real-time fault indicators</li></ul>
004	As a internal management stakeholder I need to track usage So that I can determine system upgrade requirements, sustainability costs, and fine-tune marketing efforts	<ul style="list-style-type: none"><li>• app that tracks users, their issues, and provides diagnostic information</li></ul>

## Product Backlog

All User Stories are placed in a prioritized Product Backlog.

User Story Number	Priority	Requirement	Acceptance Criteria
003	1	As a commercial user I need an app that will let me configure the system in real-time to meet changing environmental conditions	<ul style="list-style-type: none"><li>• An app that will link with the solar water system and provide real-time data, metrics, system monitoring &amp; troubleshooting capabilities and real-time fault indicators</li></ul>
004	2	As a internal management stakeholder I need to track usage So that I can determine system upgrade requirements, sustainability costs, and fine-tune marketing efforts	<ul style="list-style-type: none"><li>• app that tracks users, their issues, and provides diagnostic information</li></ul>
002	3	As a residential user I need a mobile standard console that is linked to the system So I can monitor and adjust the system operations and outputs	<ul style="list-style-type: none"><li>• Console will be mobile and require no hard connections</li><li>• Console will access the system via wireless</li><li>• Console will provide monitoring capabilities and let user adjust system operations and outputs</li></ul>
001	4	As a user I need an app that schedules installations	<ul style="list-style-type: none"><li>• An app to support commercial installations and a second app to support residential installations</li><li>• Both apps will support both Apple and Android</li></ul>