User Story for SRU Horizon Smart Solar Water Heater

As a commercial facilities manager, **I need** to see real-time efficiency data and receive diagnostic alerts on my phone, **So that** I can maximize our return on investment and minimize system downtime.	• Real-time efficiency dashboard • Historical performance graphing (daily/weekly/monthly) • Push notification system for fault alerts • Remote system configuration controls
As a residential homeowner, I need the system to automatically adjust itself for the best performance, So that I can save the most money on my energy bills without having to become a solar expert.	• Automated collector auto-positioning • Motorized collector mount • Integrated real-time weather feed • Mobile wireless control console
As an SRU Product Manager I need the app to track user interactions and system issues, So that we can use the data to guide future system upgrades and refine our marketing efforts.	• Anonymous user analytics tracking • Centralized diagnostics database • Internal management reporting dashboard

Product Backlog Template

All User Stories are placed in a prioritized Product Backlog. The Product Backlog is managed by a Product Owner.

User Story Number	Priority	Requirement	Acceptance Criteria
001	1	As a commercial facilities manager, I need to see real-time efficiency data and receive diagnostic alerts on my phone, So that I can maximize our return on investment and minimize system downtime.	• Real-time efficiency dashboard • Historical performance graphing (daily/weekly/monthly) • Push notification system for fault alerts • Remote system configuration controls
002	2	As a residential homeowner, I need the system to automatically adjust itself for the best performance, So that I can save the most money on my energy bills	• Automated collector auto-positioning • Motorized collector mount • Integrated real-time weather feed • Mobile wireless control console

		without having to become a solar expert.	
003	3	As an SRU Product Manager, I need the app to track user interactions and system issues, So that we can use the data to guide future system upgrades and refine our marketing efforts.	• Anonymous user analytics tracking • Centralized diagnostics database • Internal management reporting dashboard