

User Story ID	User Role	Need	Value	Acceptance Criteria
US001	Homeowner	Reduce energy costs	Lower utility bills, eco-friendly solution	- Homeowner can schedule hot water usage times through the system interface.  - System automatically adjusts heating based on weather forecasts.
US002	Commercial entity	Meet sustainability goals	Environmental stewardship, cost savings	- System provides real-time data on energy savings compared to traditional heating methods.
US003	HVAC technician	Simplify installation process	Time-saving, ease of use for professionals	- Installation manual includes clear step-by-step instructions with diagrams.  - System components are designed for easy integration with existing setups.
US004	Business owner	Ensure system reliability	Consistent hot water supply, minimal downtime	- System alerts business owner of any maintenance requirements or issues immediately.
US005	Environmentalist	Promote renewable energy adoption	Environmental impact reduction, advocacy	- System documentation includes data on carbon footprint reduction compared to conventional heating systems.