

User Stories about thermostat (software)

Title: User story 1	Priority: High	Estimate time: 5 days
User story: As a User I want to use the profiles to set preferred modes for the house depending on the time of the day.		
Acceptance criteria: <ol style="list-style-type: none">1. The system check if there is time of the day with set profile and respectively make it active.2. If there is profile that need to change the system will make it automatically.3. A profile is automatically set and displayed to the user based on time/day.		

Title: User story 2	Priority: High	Estimate time: 5 days
User story: As a User I want the system to assign a default profile when there's no profile currently running so that the temperature is regulated.		
Acceptance criteria: <ol style="list-style-type: none">1. The system checks if there's a time of the day when there's no profile active.2. If there's no profile active at that specific time the default profile is made active3. The default profile is set.		

Title: User story 3	Priority: High	Estimate time: 5 days
User story: As a User I want the newest profile to start when two profiles are overlapping in time, so that the start time gets prioritized.		
Acceptance criteria: <ol style="list-style-type: none">1. The system should check the start times of other profiles in case it overlaps with the current profile.2. The system then assigns the next profile as the current profile if it has to start even though the previous one wasn't finished yet.		

Title: User story 4	Priority: High	Estimate time: 5 days
User story: As a User I want the profiles to regulate the temperature of the house so that it is as close to the set profile temperature as possible.		
Acceptance criteria: <ol style="list-style-type: none">1.If the temperature has been dropped in the room the system should make to set one2. The system should then trigger heating to return the current temperature to the set temperature of the current profile.3. The profile predefined temperature is reached4. The system turns off heating.		

Title: User story 5	Priority: High	Estimate time: 5 days
User story: As a User I want the modules in the room to show the data somewhere so when I need to see some data to be able to do that		
Acceptance criteria: <ol style="list-style-type: none">1.If there is data that I need I want to be able to see it2. If I want to change the data, I want to be able to see the changed I have made on simple lcd3. if there is notification such as alarm, I need to understand what is going on		

