

6. PROJECT PLANNING & SCHEDULING

6.1 Sprint Planning & Estimation

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|--|--------------|----------|--------------------------------|
| Sprint-1 | Sensing the values | USN-1 | As a user, I want to see the temperature values | 3 | High | Fershia G Geona, Reshma Xavier |
| Sprint-1 | Sensing the values | USN-2 | As a user, I want to see gas values | 2 | High | Fershia G Geona, Reshma Xavier |
| Sprint-1 | Sensing the values | USN-3 | As a user, I want to see if flame is present | 2 | High | Godsy D, Aswini A |
| Sprint-2 | Displaying temperature value | USN-4 | As a user, I want to see the temperature values in dashboard | 2 | Medium | Fershia G Geona, Reshma Xavier |
| Sprint-2 | Displaying gas value | USN-5 | As a user, I want to see the gas values in dashboard | 2 | Medium | Fershia G Geona, Reshma Xavier |

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|---------------|--------------------------------------|--------------------------|--|---------------------|-----------------|--------------------------------|
| Sprint-2 | Displaying flame value | USN-6 | As a user, I want to see flame values in dashboard | 2 | Medium | Godsy D, Aswini A |
| Sprint-3 | Alarm On | USN-7 | As a user, the alarm should be turned on immediately if temperature, gas, flame values exceeds a particular threshold in web application | 3 | High | Fershia G Geona, Reshma Xavier |
| Sprint-3 | Alarm Off | USN-8 | As a user, I need to turn off alarm in web application | 2 | Low | Fershia G Geona, Reshma Xavier |
| Sprint-3 | Sprinkler On | USN-9 | As a user, the sprinkler should be turned on immediately if temperature, gas, flame values exceeds a particular threshold in web application | 3 | High | Godsy D, Aswini A |

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|----------|--------------------------|--------|--|---|------|--------------------------------|
| Sprint-3 | Sprinkler Off | USN-10 | As a user, I need to turn off sprinkler in web application | 2 | Low | Godsy D, Aswini A |
| Sprint-4 | Registration | USN-11 | As a user, I can register for the application by entering email, password, and confirming my password | 3 | High | Fershia G Geona |
| Sprint-4 | Displaying sensor values | USN-12 | Displaying gas, flame and temperature sensor values | 3 | High | Reshma Xavier |
| Sprint-4 | Alarm On | USN-13 | As a user, the alarm should be turned on immediately if temperature, gas, flame values exceeds a particular threshold using mobile application | 3 | High | Fershia G Geona, Reshma Xavier |
| Sprint-4 | Alarm Off | USN-14 | As a user, I need to turn off alarm using mobile application | 2 | Low | Fershia G Geona, Reshma Xavier |

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|----------|---------------|--------|--|---|------|-------------------|
| Sprint-4 | Sprinkler On | USN-15 | As a user, the sprinkler should be turned on immediately if temperature, gas, flame values exceeds a particular threshold using mobile application | 3 | High | Godsy D, Aswini A |
| Sprint-4 | Sprinkler Off | USN-16 | As a user, I need to turn off sprinkler using mobile application | 2 | Low | Godsy D, Aswini A |