**[](https://www.smartsheet.com/try-it?trp=12145&utm_source=template-word&utm_medium=content&utm_campaign=Sample+Agile+Epic+Requirements+Template-word-12145&lpa=Sample+Agile+Epic+Requirements+Template+word+12145)Agile Epic Requirements   
Template – Example**

# 1. Epic Overview

|  |  |  |  |
| --- | --- | --- | --- |
| EPIC NAME | | | |
| Real-Time Charging Station Monitoring | | | |
| EPIC OWNER | EPIC ID | CREATION DATE | LAST UPDATED |
| Alexandra Mattson | PC-EPIC-001 | 07/22/20XX | 07/22/20XX |

# 2. Epic Description

|  |
| --- |
| SUMMARY |
| Implement a real-time monitoring system for EV-charging stations to provide instant status updates and alerts. |
| DETAILS |
| This epic involves developing a robust monitoring solution that integrates with all charging stations, enabling real-time data collection and analysis. The system will display station availability, charging status, and performance metrics on a centralized dashboard. |
| GOALS |
| – Enhance operational efficiency by providing up-to-date station information. – Improve user satisfaction with real-time availability updates. – Enable proactive maintenance by identifying potential issues early. |

# 3. Business Case

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| --- |
| VALUE PROPOSITION |
| The real-time monitoring system will increase the efficiency and reliability of our EV-charging network, leading to higher customer satisfaction and reduced downtime. |
| SUCCESS CRITERIA |
| – Achieve 95% accuracy in real-time status updates. – Reduce downtime by 20%. – Receive positive feedback from at least 80% of users in post-implementation surveys. |
| DEPENDENCIES |
| – Complete the API integration with charging stations. – Make real-time data available from all stations. |

# 4. Scope and Boundaries

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| IN SCOPE |
| – Develop a real-time monitoring dashboard. – Integrate the new system with existing charging stations. – Set up an alert and notification system for station status changes. |
| OUT OF SCOPE |
| – Integrate the new system with charging stations that are not yet deployed. – Create any features unrelated to monitoring. |

# 5. Acceptance Criteria

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| CONDITIONS OF SATISFACTION |
| – The dashboard must display real-time status updates with less than a five-second delay. – The system must send alerts for any significant status changes or issues. |
| DEFINITION OF DONE (DoD) |
| – Code is reviewed and approved. – All unit and integration tests are passed. – User documentation is updated. – Stakeholder approval is obtained. |

# 6. User Stories and Tasks

|  |
| --- |
| USER STORIES |

|  |  |
| --- | --- |
| User Story ID | Story Name |
| PC-US-001 | View Charging Station Status |
| User Story Description | |
| As a user, I want to view the current status of charging stations in real time so that I can find an available station quickly. | |
| Acceptance Criteria | |
| The dashboard must show the real-time status of each station. | |

|  |  |
| --- | --- |
| User Story ID | Story Name |
| PC-US-002 | Receive Status Alerts |
| User Story Description | |
| As a maintenance team member, I want to receive alerts when a station goes offline so that I can address issues promptly. | |
| Acceptance Criteria | |
| The system must send alerts within one minute of a status change. | |

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| --- | --- | --- |
| TASKS | | |
| Task ID | Task Name | Description |
| PC-TASK-001 | Develop Real-Time API Integration | Create an API to collect real-time data from charging stations. |
| PC-TASK-002 | Build Monitoring Dashboard | Develop a user interface to display real-time data. |
| PC-TASK-003 | Implement Alert System | Create a system to send alerts based on predefined conditions. |
| PC-TASK-004 | Conduct User Testing | Perform testing with a select group of users to gather feedback and identify issues. |

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| --- | --- | --- |
| 7. Timeline | CREATION DATE | CREATION DATE |
|  | Thursday, August 1, 20XX | Monday, September 30, 20XX |

|  |  |
| --- | --- |
| MILESTONE | DATE OF MILESTONE |
| API Integration Complete | Thursday, August 15, 20XX |
| Dashboard Development Complete | Monday, September 2, 20XX |
| User Testing Complete | Friday, September 20, 20XX |
| Final Review and Sign-Off | Monday, September 30, 20XX |

# 8. Stakeholders

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| --- |
| – Project Manager: Everett Crosse – Product Owner: Brooklyn Jansen – Development Team Lead: Henry McNeal – UAT Lead: Romy Bailey |

# 9. Risks and Assumptions

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| --- | --- | --- |
| RISKS | MITIGATION PLANS | ASSUMPTIONS |
| Potential delays in data integration from charging stations may occur. | Hold regular status meetings to monitor progress and address issues promptly. | All charging stations are capable of providing real-time data. |
| Unforeseen technical challenges in real-time data processing may arise. | Allocate additional resources for data integration tasks. | Required APIs are available and functional. |

# 10. Resources

|  |  |
| --- | --- |
| TEAM MEMBERS | |
| NAME | TITLE |
| Henry McNeal | Development Team Lead |
| Jason Desjardins | Backend Developer |
| Makara McLean | Frontend Developer |
| Sasha Petrov | QA Engineer |
| TOOLS AND TECHNOLOGY | |
| – API Gateway – Real-Time Data Processing Framework – Web Dashboard Framework | |

|  |  |
| --- | --- |
| 11. Progress Tracking | STATUS |
|  | In Progress |

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| PROGRESS UPDATES |
| API integration development started on August 1, 20XX. |
| Initial dashboard design completed on August 10, 20XX. |

# 12. Comments and Notes

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| Any additional notes or comments related to the epic can be added here for reference. |

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