

PROJECT PLANNING AND SCHEDULING

Project Planning:

Product backlog, sprint Schedule, and Estimation

| Sprint | Functional requirement (Epic) | User story Number | User story/Task | Story points | priority | Team Members |
|----------|-------------------------------|-------------------|--|--------------|----------|--|
| Sprint-1 | Data collection | USN-1 | Collect data from various cybersecurity websites like (Krebs on security, info security magazine etc.) | 5 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-1 | | USN-2 | Use Real Time APIs to gather data. | 3 | Medium | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-2 | | USN-3 | Get various news about the different kinds of cybersecurity like (XSS, RCE etc.) | 2 | Low | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-2 | Processing | USN-4 | Use of data processing platforms like (Apache Storm, SIEM etc.) | 5 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |

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| Sprint-2 | | USN-5 | Use of cybersecurity libraries like (scapy, cryptography etc) to work on the given data. | 4 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-3 | User interface | USN-6 | Use of various coding languages like (Ruby, Assembly language) and React.js helps to create a simple yet effective dashboard for the user. | 5 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-3 | | USN-7 | Having a separate login implemented for users to see dashboard particular to their content. | 3 | Medium | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-3 | Data visualization | USN-8 | Use tools like DataDog, Loggly, QRadar etc to show various data in a more readable format to the user for easy to understand. | 5 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-4 | | USN-9 | Have a feature to ask user for their suggestions the given task. | 2 | Low | Ganesh, Tapana, Lokesh, Pavani Satyavani |

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| Sprint-4 | Scalability | USN-10 | Use Docker, Kubernetes to scale the whole project. | 5 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |
| Sprint-4 | | USN-11 | Have a better database system to store the real time and other various data. | 5 | High | Ganesh, Tapana, Lokesh, Pavani Satyavani |