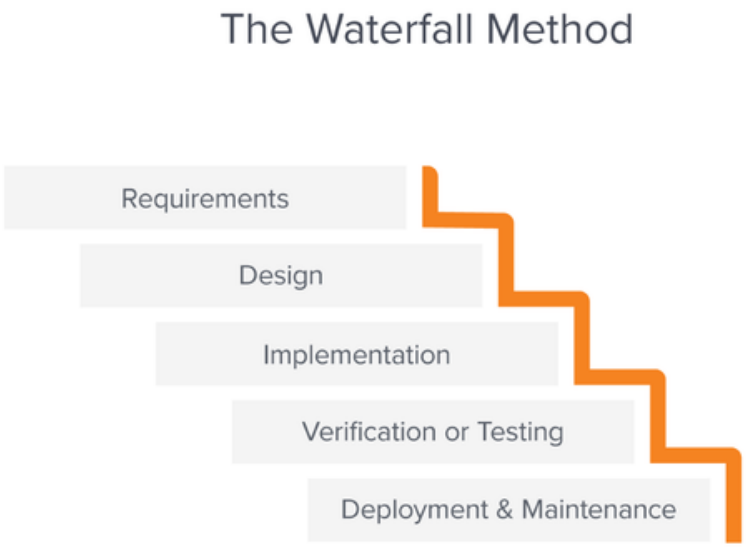
R1-1: Project Plan. Should include information such as team members, sprint velocity, collaboration tools used, implementation methodology

- Sprint velocity
    - 20 issues, 5 meetings. Therefore, sprint velocity of 4.
- Collaboration tools
    - github
    - figma
- Implementation methodology



- Cloud service
    - Tentatively Azure database and web hosting

R1-2: All Features on a board. Initial work items (user stories, technical debt, or research items) created for features.

- SN1: Create and maintain secure user accounts and projects on the system
    - User interface
        - Login page
            - Register an account
            - Proceed as a existing user
        - Registration page
            - Email
            - Name
            - Password
    - Database to store user information
        - User information
        - Assigned project
        - Passwords will be hashed and saved

- SN2: View the status of all hardware resources in the system
    - User interface
        - Inventory relation machine
        - Interactive data dashboard
        - Create project or join project based on id
    - Database to store hardware information
        - Store hardware resource information
        - Substack database for individual projects
- SN3: Request available hardware resources and datasets from published sources
    - User interface
        - Customer relation machine
    - Database to store hardware information
        - Resource pull from substack project databases
- SN4: Once approved, checkout and manage these resources
    - User interface
        - Customer relation machine
    - Database to store hardware information
- SN5: Check-in the resources and get status of all hardware resources in the system
    - User interface
        - Customer relation machine
    - Database to store hardware information
- SN6: Deliver PoC within schedule constraints, with support for scalability

User interface screens

- Login
- Register
- Main page
    - Drop down menu to select project
        - Create new project
    - Items user has currently checkout
    - Items available for checkout
    - List all hardware in system
- Checkout
- Create/Manage Project
- Item Information Screen

System Requirements	**Stakeholder Needs Met**
SR1: PoC shall be delivered within budget and schedule constraint, with periodic updates to stakeholders	SN6

SR2: PoC App shall have a front-end web application that allows users to enter inputs and views outputs	All
SR3: PoC App shall have a mechanism for encrypting user-id and password	SN1
SR4: PoC App shall have a mechanism for creating new projects or accessing existing projects	SN1
SR5: PoC App shall have a database for maintaining user login credentials, project codes, project details, resource details	SN2, SN3, SN4, SN5
SR6: PoC App shall have a user-friendly interface for ease of use and navigation	SN2
SR7: PoC App shall be compatible with major web browsers (e.g. Chrome, Firefox, Safari, etc.)	SN6
SR8: PoC App shall provide real-time data validation and error handling to ensure data accuracy	SN4, SN3, SN5
SR9: PoC App shall have the ability to export data in various formats (e.g. PDF, Excel, etc.) for reporting purposes	SN3
SR10: PoC App shall have appropriate security measures in place to protect sensitive data and prevent unauthorized access.	SN6, SN1
SR11: PoC App shall be designed to scale and handle large amounts of data as the number of users and projects grow.	SN6
SR12: PoC App shall have an intuitive and configurable dashboards to help stakeholders monitor and track project progress, performance and resource utilization.	SN2, SN3

R1-3: High level sketch of the application