

- Epic 1: Site Information

As a user, I want to be able to enter and save general information about the site so that I can track and manage several renewable energy projects for the site.

- Story Card 1.1: Allow users to enter general information about the site.
  - As a user, I want to be able to enter general site information, such as site name, address, and any relevant notes or comments.
  - As a user, I want to be able to enter the roof and ground size of the site.
  - As a user, I want to be able to save the data it and associate it with a specific date and time.
- Story Card 1.2: Validate site information entry.
  - As a user, I want to be alerted if I enter invalid site information.
  - The system should validate that the address entered correctly and that site names are unique.
- Story Card 1.3: Edit and delete site information.
  - As a user, I want to be able to update or remove site information that have been entered previously.
  - As a user, I want to be able to confirm any action I have made to the site information.

- Epic 1: Solar Data Entry

As a user, I want to be able to enter and save solar data for a specific site so that the potential energy generation will be measured and make informed decisions.

- Story Card 1.1: Allow users to enter solar panel data.
  - As a user, I want to be able to potential shading issues for a specific location.
  - As a user, I want to be able to save the data and associate it with a specific date and time.
- Story Card 1.2: Validate solar data entry.
  - As a user, I want to be alerted if I enter invalid solar panel data.
  - As a user I want the system to validate that the inputs for solar panel capacity, efficiency, and tilt angle are all entered in kW, %, and degrees, respectively.
- Story Card 1.3: Edit and delete solar panel data.
  - As a user, I want to be able to update or remove solar data that have been entered previously.
  - As a user, I want to be able to confirm any action I have made to the solar data.

- Epic 2: Wind Data Entry

As a user, I want to be able to enter and save wind data for a specific site so that the potential energy generation will be measured and make informed decisions.

- Story Card 2.1: Allow users to enter wind data.
  - As a user, I want to be able to enter wind speed and any relevant notes or comments on wind suitability for a specific location.
  - I want to be able to save the data and associate it with a specific date and time.
- Story Card 2.2: Validate wind data entry.
  - As a user, I want to be alerted if I enter invalid wind data.
  - As a user I want the system to validate that the input unit for wind speed is the same for all sites (e.g., mph (miles per hour) or m/s (meters per second))
- Story Card 2.3: Edit and delete wind turbine data.
  - As a user, I want to be able to update or remove wind data that have been entered previously.
  - As a user, I want to be able to confirm any action I have made to the wind data.