

## Spring planning

Developing the application with the requirements described by the customer would require two sprints:

### Spring 1- Prepare application infrastructure, define interfaces for core features, and identify plumbing classes.

The application being a java application meant to run in various platforms, the application should have a mechanism to enumerate:

- 1) The home base of the user independent of the deployment platform
- 2) Path separator specific to the OS deployment.

Following the requirements articulated by the customer, and adhering to the principle of programming to interface, major interfaces should be identified; specifically:

- To The user interface menu
- File operations that need to be performed on the home directory of the user

Moreover, domain based grouping of the classes and interfaces shall be done to the project structure here in this sprint.

### Sprint 2- Implementation and testing

Here in this sprint, the following tasks are performed:

- Concrete classes implementing the primary interface is performed
- The features of the application are tested for functional correctness