**Beet Seed**

1. Atomic
   1. Once the television is turned on, the logo should be displayed for 5 seconds.
   2. The Iphone should alert the user once it reaches the battery level to 20%.
   3. Electric kettle must auto shut down in 10 seconds after reaching boiling water temperature 100’C.
   4. The shoe must only contain 12 lace holes.
2. Consistent
   1. Mobile banking users should be able to login to the App with their username and password.
   2. The flight booking system should allow users to choose dates prior to choosing the class they intend to travel.
   3. Before continuing to checkout, a user should be able to add/remove or increase the quantity of the items in the shopping cart.
   4. As a “teacher” in the Learning Management System, one should be able to mark a student as “attended” after reaching the lesson time.
3. Testable
   1. The laptop should weigh 1.25Kg after production.
   2. The Tv should emit a sound of 90db when it’s at maximum volume.
   3. A Whatsapp message should contain only 30 images at a time.
   4. The first name field of the registering user form should accept a maximum of 20 characters.
4. Traceable
   1. When a user removes an item from the shopping cart, it should show the remaining items or no items.
   2. When a new customer registers in the system,the customer's username and password should be available in the database.
   3. When a song is added to the playlist, the playlist should be updated with the new song.
   4. When you make a call using a call application, it should show the last call as the first in recent calls.

**Beet Sprout**

Considering the requirement testing techniques, I would like to state that a mixture of several techniques would be more efficient to reach more quality in the requirements. A Review is a great way to clarify most of the specification while communicating with the client and fellow members. To make it more effective a visual representation by mind maps or prototyping can be an added advantage. Further to verify the requirements, test cases and checklists must be considered.

**Mighty Beet**

Functional Requirements

1. A new user should be able to register to the mobile application with a valid username and a valid password.
2. Application may allow users to find friends using their phone number.
3. A user is able to share a maximum of 3 images per a message in the application.
4. Users should be able to save received images to the gallery.
5. Users should be able to change the theme in the settings.
6. Users who are friends should be able to see each others profile pictures

Non Functional Requirements

1. The application should be available for both ios and android users.
2. The application should be only available in the European region.
3. A text message transmitted between 2 friends should be received in a maximum of 2 seconds delay.
4. The application should be user friendly and easy to navigate.
5. Payment details of a user should be kept securely in a database.
6. The application should be able to support a maximum number of 1 million users.