**Beet Seed**

1. High level test cases for Chat Application:

User should be able to send a one or more images to their friends using direct messaging

Low level test cases

| **Test**  **Case ID** | **Title** | **Preconditions** | **Steps** | **Expected results** |
| --- | --- | --- | --- | --- |
| TC01 | Attaching images to the conversation | * User has a friend * User contains an image in their gallery to be shared with the friend | 1. Navigate direct messaging 2. Click attach icon 3. Select the image that wants to share which is already available in the phone gallery 4. Click “Upload selected” | 1. Chat view opens up 2. Phone gallery opens to select the image 3. Particular image is selected 4. Image gets uploaded and once the uploading status bar reaches 100% it is shown in the conversation |
| TC02 | Attaching 25 images to the conversation | * User has a friend * User contains 25 images in their gallery to be shared with the friend | 1. Navigate direct messaging 2. Click attach icon 3. Select all the 25 images that want to share which is already available in the phone gallery 4. Click “Upload selected” | 1. Chat view opens up 2. Phone gallery opens to select the image 3. All 25 images are selected 4. Images get uploaded and once the uploading status bar reaches 100% all the images are shown in the conversation |
| TC03 | Validating a sent image which was previously shared in the conversation | * User has an existing conversation with a friend * User has already shared an image in the same conversation which contained in the phone gallery | 1. Navigate to the existing conversation 2. Select pre shared image 3. Check the image in the conversation and the image in the gallery looks same without any quality reductions or distortions | 1. Chat view opens up and displays existing conversation 2. Image enlarges and becomes full screen view 3. Both images looks identical without any quality reductions or distortions |

**Beet Sprout**

2.

| **Test Case** | **WBC** | **3 Point Estimation** |
| --- | --- | --- |
| TC01 | | Step No | Estimation (Seconds) | | --- | --- | | 1 | 4 | | 2 | 6 | | 3 | 20 | | 4 | 30 | | Total | 60 | | | Factor | Value (Seconds) | | --- | --- | | A (optimistic) | 45 | | M (most likely) | 65 | | P (pessimistic) | 90 | | Estimation | 66.7 | |
| TC02 | | Step No | Estimation (Seconds) | | --- | --- | | 1 | 4 | | 2 | 6 | | 3 | 5 \* 25 = 125 | | 4 | 30 \* 25 = 750 | | Total | 885 | | | Factor | Value (Seconds) | | --- | --- | | A (optimistic) | 750 | | M (most likely) | 900 | | P (pessimistic) | 1150 | | Estimation | 933.4 | |
| TC03 | | Step No | Estimation (Seconds) | | --- | --- | | 1 | 5 | | 2 | 5 | | 3 | 30 | | Total | 40 | | | Factor | Value (Seconds) | | --- | --- | | A (optimistic) | 35 | | M (most likely) | 50 | | P (pessimistic) | 70 | | Estimation | 51.7 | |

**Mighty Beet**