**Lesson 4.**

**Beet Seed**

1. The size of the portable in-earpieces case must be 6 cm(width) x 6 cm (length)x 2.5 cm (height).

2. The edges of the case must be rounded (not sharp or square).

3. The earpiece case must contain an accumulator of 300mah / 1.11wh capacity.

4. The in-earpieces must be equipped with the 5.0 Bluetooth version.

5. The earpieces must connect to smartphones, laptops, or any other devices equipped with 5.0 Bluetooth within 3 to 5 seconds.

**Beet Sprout**

**Behavior Testing**

To my mind, behavior testing appears as one of the most productive and exhaustive requirements testing. For this, speak the following advantages:

1. It allows to include a bigger number of testers and specialists as it does not require additional training.

2. It is way more affordable compared to another quite exhaustive requirements testing method as prototyping.

3. Even though it is time-consuming, this downside can be covered with the number of specialists working on it, thus compensating the time loss.

4. Compared to the other two mentioned testing methods (prototyping and evaluating the documentation), behavior testing offers affordable yet well-rounded requirements testing and appears to be “the golden mean” in terms of time span, budget, and required specialists.

**Mighty Beet**

**Functional**

1. The application’s recognition system must allow to publishing of cat pictures.

2. The app must allow the users to log in to their profile by using their email and password.

3. The app must allow users to restore their profile access by using their verified backup emails.

4. The app must allow its users to log in with the biometric data.

5. The application must require to restore the profile access if the password was input incorrectly five times in a row within ten minutes.

**Non-functional**

1. The application must be supported on smartphone devices with Android versions 11.0, 12.0, and 13.0.

2. The application must be able to support HEIF, jpg, PNG, and TIFF picture formats.

3. The app must provide a preview window before posting a picture.

4. When publishing a picture, the application must provide the “allowed audience choice” to select the users who can see a posted picture.

5. When pressing the “publish” button, the posted picture must be loaded to the user’s account page within 4 seconds.