**Lesson 4 Cíntia Domingos**

**Beet Seed**

**1.**

Object: Oral-B Pro 3 3000 electric toothbrush

1. With the toothbrush in operation, the maximum noise level is 65 dB.

2. Every 30 seconds after the beginning of the operation, a short stuttering sound with 1 second duration is heard, indicating it is time to change the quadrant of the mouth to brush.

3. After 2 minutes of operation, a long stuttering sound with 3 seconds is heard, indicating the end of the recommended brushing time.

4. With the toothbrush in operation, when the battery has only 5 minutes of operation left, the charge indicator light flashes red every 2 seconds.

5. While charging, the charge indicator light flashes green every 2 seconds.

**Beet Sprout**

**2**.

I believe no single requirements testing technique guarantees the highest possible quality of the final result. Each technique serves a different purpose and their effectiveness depends on various factors, such as the specifics of the project. Because of this, I think the best option to ensure the highest quality possible is a combination of techniques and a robust testing strategy, with testing throughout the development lifecycle, allied with continuous feedback.

**Mighty Beet**

**2.**

**Functional Requirements:**

1. The users are able to create an account using their e-mail address.

2. The users are able to upload pictures from their device.

3. The users are able to capture new pictures through the app.

4. Each user has a profile where their uploaded pictures can be seen by other registered users.

5. The users are able to comment on other users’ pictures.

6. The users can change the privacy settings of each uploaded picture.

7. The users can tag other users on the shared pictures.

**Non-functional Requirements:**

1. The app should take less than 5 seconds to load a picture.

2. The app must be scalable to handle an increasing number of users.

3. The app must be compatible with all versions of iOS and Android from the last 7 years.

4. The app must be available 24/7 with minimal downtime.

5. The user data must be backed-up every day at noon.

6. The notifications when a user is tagged in a picture should be displayed to that user within 3 seconds of them being tagged, provided they are online.

7. A deleted picture must be removed from the profile in 1 second.