

Use Cases Modeling

Assignment 04

Hamza Fida

(ROLL # 153160)

TO: Mr. Ahmad Mohsin

**Descriptive Use Cases of Scenario**

**Use case Title:** Pothole Reporting

**Primary Actor**: User

**Level:** User Goal

**Pre-condition:** User is already logged in.

**Trigger:** User comforts a pothole and decides to report it.

**Success guarantee/ post condition:**

1. The​ ​citizen​ ​visits​ ​the​ ​PHTRS​ ​website

2. The​ ​citizen​ ​clicks​ ​some​ ​button​ ​to​ ​report about​ ​pothole​ ​which​ ​takes​ ​the​ ​citizen​ ​to login​ ​page

3. The​ ​citizen​ ​enters​ ​ID

4. The​ ​citizen​ ​enters​ ​password

5. The​ ​system​ ​displays​ ​dashboard​ ​panel with​ ​multiple​ ​options

6. The​ ​citizen​ ​selects​ ​“report” ​ ​​ option​ ​from the​ ​dashboard​ ​panel​ ​options

7. The​ ​citizen​ ​enters​ ​street​ ​address​ ​details

8. The​ ​citizen​ ​enters​ ​size​ ​details

9. The​ ​citizen​ ​enters​ ​location​ ​details

10. The​ ​citizen​ ​enters​ ​severity​ ​details

11. The​ ​citizen​ ​uploads​ ​few​ ​pictures

12. The​ ​citizen​ ​enters​ ​extra​ ​related information​ ​under​ ​comments

13. The​ ​citizen​ ​clicks​ ​the​ ​“Submit ​ ”​ ​button

14. The​ ​system​ ​saves​ ​the​ ​data​ ​with​ ​an acknowledgment​ ​message​ ​and​ ​adds​ ​a entry​ ​to​ ​the​ ​citizen​ ​report​ ​history

15. The​ ​system​ ​refreshes​ ​the​ ​page​ ​for another​ ​submission.

• **Alternate flow of events**

1. Users fill the form but it is not submitted.

2. User is about to fill the form but cancels it.

3. Information is not given properly.

**• Exceptions**

1. User could exaggerate damage.

2. Funding could be lost.

3. Too much traffic on same web application.

4. Customer will change requirements