**Subject: Mobile Application Design**

**Lab 4**

**Group Members**

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Congratulations! You have been awarded a contract to develop a small farming app for Android for use in refugee camps and conflict zones. The farming app will control a small physical robot that will plant seeds, take photos and share them with the user, water the crops, measure the moisture in the soil, and alert the user when the crops are ready for harvesting. The robot cannot relocate, and so it will be farming a tiny space 1 meter wide, by 2 meters long.

1. Target users of the application.

Target users means the audience that will be using the app mostly.

As this app is designed for the people who are living in conflicted areas, the users can be refugees, citizens, soldiers or tourists.

The target users will be farmers and people who live in the refugee camps and conflict zones.

It will be people who have difficulty to go out and check the crops in the conflict time.

1. Demographic characteristics.

It can be based on age, race, educational background, economy and sex. Like it is defined by considering the categories that it consists of.

Most of the people who use app will be elders.

Youngsters won’t be interested in the farming that much.

Both men and women will be using this app as both the gender seems to be interested in farming. So, there will be no gender difference.

And only those people with a land or space as mentioned will be using the app.

The religious beliefs won’t make any effect in the users.

Mostly people who are in middle class economy level will be using this app more as they tend to stay in refugee camps more.

People with every education background will be using this app

1. The conditions under which the application will be used.

1)Heavy Rain

2)Dry Soil

3)Irregular Land

4)Measure Soil Moisture

5) Climate Change

6)Uttermost Hot

7)Tropical

8)Harvesting

9)Utmost Atmosphere

10)Person Who does not know much about farming.