Key Functional Features for Delivarables 2 & 3

Phase 1:

1. MOBILE: The system shall allow respondents to Create User Profile.

2. MOBILE: The system shall record GPS trace in background with respondents’ permission.

3. MOBILE: The system shall prompt respondents to add Visited Locations for a list of activities on first launch. 4. MOBILE: The system shall allow respondent to add more Visited Locations.

5. MOBILE: The system shall send data to researcher periodically in background.

Phase 2:

6. PC: The system shall label modes of transport between locations.

7. PC: The system shall label significant places and types of activities for these places. 8. PC: The system shall identify and log any anomalies in the data.

9. PC: The system shall integrate the above streams into a data set output.

Extra Features (Only if time allow)

1. MOBILE: The system shall prompt user to add Visited Locations when user visits new location for > 30 mins. 2. MOBILE: The system shall display a labeled map of activities for the respondents.

3. MOBILE: The system shall display summary information about respondents’ activities.

4. MOBILE: The system shall allow respondent to sign-up and login.

5. MOBILE: The system shall allow researcher to get real time update from Tracker App.