Implementation and integration

4 categories-

1. **Household devices:** Graph updating by user input on household devices
2. **Smart/IOT devices:** Graph automatically updates (i.e., static as of now) in the case of smart devices as they automatically are in sync/connected with the mobile device
3. **App usage:** Is again a dummy copy of point 2 (but dataset 1 – elaborate) – stores weekly history and can navigate by two < Monday >, < Tuesday > etc
4. **Travel history:** UI directly integration – take 3 or 4 user inputs – implement calculation and display on clicking the ‘Calculate button’

Code outline for Category 1

Summarising the idea:

1) Display " Enter usage for device 1: <Take input in hrs>"

2) Use Dataset cell corresponding to device 1 and extract GHG value per day of that device

3) Multiply value extracted it point 2 - do calculations - <input>/24 \* (Value in point2)

4) Store this value on a weekly basis in an array/CSV file (whatever we feel comfortable with)

5) Update the Tableau graph accordingly so the graph loads dynamically (use API or what - research?)

6) Repeat for 4 devices more

Initial implementation complete

Category 2

Devices 6-10 are anyway smart devices so as of now static

Category 3

Digital well-being template – use dataset as per dummy recreation and then copy   
make Line graph/bar – try getting template to insert directly static data

Category 4

Use information from code files written consisting of calculation for each category usage – integrate directly with UI input fields