**Fitness Module Planning:**

The fitness module planning is an activity module

**Aspects:**

Uses navigation provided by the application to facilitate fitness functionality similar to that of the Fitbit.

**Fitbit functionality:**

* Total distance travelled,
* By entering user weight and other we can calculate the number of calories burned,
* Total step count.

**Optional and more complex functionality:**

* Average travel speed to destination,
* Showing trends of distances across the week on different days ,
* Show fastest times.

**User information required:**

* Weight,
* Distance travelled in kilometres, obtained by the navigational system,
* Other ,
* Can retrieve step size by user to provide a step-count.

**Possible Classes:**

**User:**

User is where information such as weight and other information referring to the user would be stored.

**Fitness Counter:**

Fitness Counter is where a counter of the total distance travelled for each week, day etc.

**Fitness Calculator:**

Fitness Calculator is where all the information from in the Fitness Counter can be retrieved and calculations on the statistics can be performed in order to calculate calories burned and a total step count.

**Fitness Reporter:**

This class is where the results of the calculations performed in Fitness Calculator can be retrieved and displayed to the user in an easy to read manner including trend reports and general health statistics, maybe even some health facts or suggestions.