HCI exercise 3

Extra thing added on page 3 – HTA have been explained clearly.

The whole interface is based on touch screen with help of stylus and finger.
Norman’s principles have been used to design the User Interface.

**Affordance:** The departure and arrival time text boxes have the affordance of changing the time from “AM” to “PM”. The bus, tram, metro and walking routes buttons have the affordance of being clicked. There is no scrolling in the main view.

**Visibility:** The source, destination options are clearly visible. The possible routes are also clearly visible. The enter button is large enough for users to identify.

**Consistency:** The source and destination text box and in the same place. The date format is also same as available in other apps. Enter button is large and at bottom, as it is seen in most of the apps.

**Mapping:** All the possible routes are clearly mapped with the respective options. Like the bus icon corresponds to bus routes, the metro icon corresponds to metro route, the train corresponds to train routes and the walking corresponds to walking maps. The source, destination, arrival, departure time, date buttons are also in place with the corresponding text boxes.
Textual HTA

0. Plan a trip
1. Select the PB journey planner application
2. Point to source input text field
   2.1 type the starting point name in text box
   2.2 start typing and choose from the auto fill
   2.3 choose from recently typed ones
3. Point to destination input text field
   3.1 type the destination point name in text box
   3.2 start typing and choose from the auto fill
   3.3 choose from recently typed ones
4. Select arrival or departure time
   4.1 select the time either AM or PM
5. Select Date
   5.1 select the calendar gadget
   5.2 Select the date
6. Click Enter

HTA DIAGRAM

First do Plan 0. Then do 1 then if Sam needs to plan from the current position, then do 2, then 4 for selecting departure time or arrival time then do 5 for current date then do 6