Comp 199 Weekly Report Group 8

# Week 3 (4/27 – 5/2)

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## 1. Reference to Gantt chart

This week’s tasks in Gantt chart are to make home pages and retrieve data from the database.

### 2. Summary

This week we spent most of our time on improving out database. According to your feedbacks on our submitted Gantt chart and our analysis, we decided to simplify our data structure and the product complexity. This means there won’t be any individual flight and hotel reservation; the main product will be the pre-packaged trips only. Moreover we made the home page and the package page and updated the Gantt chart.

#### 3. Problems and Solutions

In our database, we have a package table storing brief description, start place and capacity etc. In order to reduce the redundancy of data storing, we created another segment table showing detail information of difference destination. In other words, a package is made of several segments. So there is a “nextSeg” column in each entry that indicates what is the next destination within the same package(the last destination will have “null” value. We were struggling for a bit while on how to effectively and efficiently link these two tables and insert correct “nextSeg” information. Finally, we decide to use “last\_insert\_id()” method; besides, we will insert data in a reserved order in segment database (per each package) and then turn to package table also insert the last-insert-id as a foreign key, then turn back to segment table to insert data for another package…repeat….

##### 4. Summary of the members’ works for the week

In the week, we updated the database structure and discussed what/how to deliver the home/package together. Toshi updated the sample data in database again, and I made the home page and prepared the image materials, pasha made the trip package page.

##### 5. Next Week’s Tasks

Next week will working on how customers will sign in or create new profiles.