**M04-06 Semester Project: Proposal**

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A customer will use my Java Application to setup appointment online for having a haircut in a Hair Salon.

**Purpose of the app**– Main purpose of this app will be to contain all the information related to the appointment that the user will be making, so that user will be able to do a final check of all the information and can confirm the appointment. User will give input to the following information in the GUI:

* 1. User First Name and Last Name
  2. User Email Address
  3. User Phone Number
  4. Day of Appointment (Selected from a drop-down menu of available day slots)
  5. Time of Appointment (Selected from a drop-down menu of available time slots)
  6. Service Desired (Selected from a list of services, associated cost will also be in the list)
  7. Stylist Desired (Selected from a list of stylists, associated cost will also be in the list)

Using the user input my app will perform the following calculations:

a Subtotal – this is a calculated value based on service chosen by the user

b Tip Percent and Tip Total- this is a calculated value based on tip percent entered by user

c Total cost- this is a calculated value from the above-mentioned Subtotal and Tip Total

Lastly, my app will have the functionality to store the Appointment History of the user in a text file, a list of previous appointments made using this app along with related information of that appointment (i.e. Date and Time, Service and Stylist, Total Cost etc.).

**Use Eclipse IDE -> New Java Project**

**Drop-down menu:**

Day – Monday, Tuesday, Wednesday, Thursday, Friday

Time – 8am, 9am, 10am, 1pm, 2pm, 3pm

Service Desired – Express Haircut - $16, Haircut and Shampoo - $19, Haircut, Shampoo and Style - $35, Color - $45, Style - $27, Waxing - $10

Stylist Desired – First Available, Nancy, Beth, Victor