Group Name: King Code

Group Members: Walid Khori, Nicholas Lee, Sehyun Hwang, Lu Cheng, Chengxuan Feng

Project data: <https://data.gov.sg/>

Project Description: <https://ntulearn.ntu.edu.sg/bbcswebdav/pid-1523155-dt-content-rid-6036783_1/courses/18S2-CE2006-CZ2006-C-LEC/CECZ2006ProjectDescription%281%29.pdf>

**Possible Project Ideas**

1. **Find Food near me**
   1. **Shows current restaurants in proximity to user’s current location**
   2. **Offers summary of their menu**
   3. **Shows reviews based on popularity and other customers**
   4. **Utilizes Google Maps API to give user directions**
2. **Medical-based app**
3. **Keep records for each patient, can check other patient status (if related)**
4. **Use data for Dengue/other diseases to inform people, allow them to make decisions based on data**
5. **Database of hospital contacts, ambulance for emergencies**
6. **Can use various hospital data to make informed decisions**

**3. My univ**

1. **Presents general information about universities in Singapore.**
2. **Information includes location of each facility(canteen, hospital, post office), number of students, etc.**
3. **Timetable function can also be added.**

**4. Appointment for Polyclinics & Hospitals**

1. **Allow patients to book e-appointments online**
2. **Check their waiting time and number of people in front of them**
3. **See their upcoming appointments**

**5. Bus app**

1. **Presents bus-stop information**
2. **Information includes bus number, estimated waiting time, bus routes, bus locations**
3. **Information presented with the help of Singapore Map**

**6. Recreation activities app**

1. **Presents information of recreational activities offered by CC**
2. **Information includes activities description, hours, slots available, payments, participation requirements etc**

**Deliverables: Due by Lab 2**

* Documentation of functional and nonfunctional requirements
* Data dictionary
* Initial Use Case Model, consisting of Use Case diagram and Use Case descriptions
* UI Mockups