**Project Title**

Student Name:

Student ID:

**1. Project context and Goals**

Describe the project content and goals briefly. [adding images are fine]

**2. Main Functionalities**

Describe the main functionalities of your project

**3. How many pages will there be?**

Mention the estimated number of lines that your program code will have.

**4. Similar Existing Solutions**

Describe the existing solutions briefly (from where you are inspired).

**Proposal Submission:**

Deadline for submitting final project proposal: November **23, 2022, 23:59:59**

**Note**: If you submit the proposal before the deadline, you will get feedback from TAs early and you can start your project early. It is one-time feedback, after getting the feedback from the TAs, you cannot resubmit the proposal. If you have any questions feel free to ask in the discussion section.

In the final project submission, you are free to add other functionalities that you do not mention in the proposal.

**Name of zip file:** {student ID}\_{Student name}\_project\_proposal.pdf

**Example:** 2020712837\_Frank\_Thomas\_ project\_proposal.pdf

**[Example]**

Project Title: **SKKU Stores System**

Student Name: Frank Thomas

Student ID: 2020712837

**1. Context and Goals**

There are many stores in SKKU, if you need some product, you need to visit all of them one by one (if it is not available in all stores). It is a time consuming task for everyone. To save the customers’ precious time. In this project, I am planning to create a new searching system for all stores. Using this system, the customers can search for the availability of products in each store. The shop owners can easily add, remove and edit their products.

**2. Main Functionalities**

* [Shop owner] register and add information about their store
* [Shop owner] add new products
* [Shop owner] remove products
* [Shop owner] edit products
* [Shop owner] get the list of products
* [Shop owner] check the expire dates of products
* [Customers] get list of products with their information
* [Customers] search the products and find which stores have it

**3. How many pages will there be?**

* register page, login page, menu page, add product page, remove product page, edit product page, product list page and check expire dates page for shop owner (8 pages)
* list of products from all stores page, product search page (2 pages)

**4. Similar Existing Solutions**

* Gmarket (<https://www.gmarket.co.kr/> )
* Coupang (<https://www.coupang.com/> )