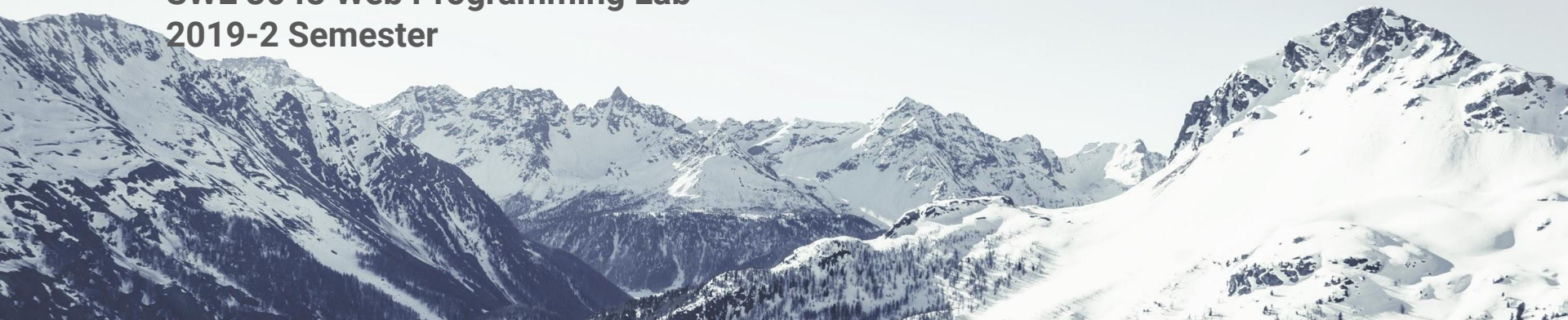# Term Project Notice

Make your own 'SKKU Flea Market Management Page'

SWE 3048 Web Programming Lab
2019-2 Semester

Submission & Demonstration Date

Term Project Report & Source Code
Submission

12/17

23:59:59

Please keep the deadline for submission.

Project Demonstration
On Class Time

12/18

18:00 ~ 22:00

Please build the database in advance and prepare it on your laptop for functions implementation before the demonstration.

SKKU Flea Market Management Page

1 | **Team Basis Project** (2 ~ 4 students / 1 team)

2 | Organize a **Navigator** to Separate Menus and Contents

3 | You can use the **style sheets** to design websites **freely** and **appropriately**.

4 | Implement the **functions** for the **Administrator** / **Buyer** / **Seller**.

5 | Either **Web-Storage** or **Database** must be used.

6 | Menu configuration can be freely organized, but the **following functions should be implemented**.

Functions - Administrator

Member List

1. Student ID

2. Password

3. Name

4. Classification (Buyer or Seller)

Member

1. Modification of Member Information

2. Member Deletion

Functions - Seller

Product Registration

1. Product General Information:
   Name
   Price
   Trading Place
   Phone Number

2. Product Status Information:
   Auction
   Purchased
   In Progress

※ Seller can proceed the auction
             without setting a price.

Product Info

1. Modification of Product Info.

2. Deletion of Product.

Seller's Product List

1. Product Name
   Number of People Who Wants to Buy

2. History of Auction
   Price and Bidder (Auction Buyer)

Functions - Buyer

Product List

1. Product General Information:
   Seller Name
   Product Name
   Price
   Trading Place
   Phone Number
   Status

Product Buy

1. Product Status
   Product Status should be changed when **'Buy' Button** is clicked.

2. Auction Bidding Price
   The suggested bidding price should be higher than the current price.
   (Bidding Price > Current Price)

Product Search

1. Search By
   Seller Name
   Product Name
   Hope Price

※ Multiple Conditions must be combined to enable searching.

Shopping List

1. Calculation and Printing the Shopping List

※ If the auction is over, the amount of the auction price should be included.

Wish List

1. Buyer can see the 'Wish List'

Functions - Common Page

Login Page

1. Sign in with
   Student ID and Password

Registration Page

1. Sign up Page

2. 'User Input Validation'
   must be implemented

Product Page

1. Product Represented on this page.

Design Example

Login Page

Registration Page

Design Example

Product Page

Design Example

Product Page - Auction

Design Example

Administrator Login Page

Student ID	Password	Name	Buy/Sell	Mod / Del
~~	~~	~~	~~	Mod Del
~~	~~	~~	~~	Mod Del
~~	~~	~~	~~	Mod Del
~~	~~	~~	~~	Mod Del
~~	~~	~~	~~	Mod Del
~~	~~	~~	~~	Mod Del
~~	~~	~~	~~	Mod Del

Design Example

Product Registration - Seller

Design Example

Product list - Seller

Product name	Current Price	Wish list Person	Status	History
~~	3,000	~~	~~	
~~	8,000	~~	~~	A : 5,600 B : 6,500 E : 8,000
~~	~~	~~	~~	
~~	~~	~~	~~	
~~	~~	~~	~~	
~~	~~	~~	~~	
~~	~~	~~	~~	

Design Example

Product list / Search - Buyer

| Product Name | 3000 | ~ | 5000 | Search! |

Product name	Current Price	Trading Place	Phone number	Status	Seller Name
~~	~~	~~	~~	~~	~~
~~	~~	~~	~~	~~	~~
~~	~~	~~	~~	~~	~~
~~	~~	~~	~~	~~	~~
~~	~~	~~	~~	~~	~~
~~	~~	~~	~~	~~	~~
~~	~~	~~	~~	~~	~~

Scoring Guideline

Design, Function Implementation, Report, and
Additional Function Implementation are evaluated.

Function Implement
- Implemented functions should work in
  demonstration.

Report
- Team Unit Submission
- Detailed descriptions on implemented functions.

Extra Function Implement
- Rating is depending on how much and how well the
  function(s) work(s).
- Rating in proportion to the number of team members.

Design	40%
Function Implement	~ 7 Functions implement : 20%
	8 ~ 9 Functions implement : 25%
	10 ~ 11 Functions implement : 30%
	12 Functions implement : 35%
	All Functions implement : 40%
Report	10%
Extra Function Implement	Up to 20 % extra point Rating is depending on how much and how well the function(s) work(s). Rating in proportion to the number of team members.

Tips

Registering and importing a data into the database are the key point of the term project.

For the first week of the four weeks in project period, discuss with your group members how to design webpage and the functions.

It is also recommended to process existing CSS files but be sure to notice the source.

If only the functions work well, everything else is up to you.