과잠쓰

Requirements and Specification

Team 9
신승아, 이세리, 정현우, 한수현

Revision Bullet List

-This is our first draft (4/11)
-After implementing main page, we need to specify more about Join, Sign in, My page, group <id> page, design simulator
-First, our focus is on the main page

Abstract

 Every start of new semester, most of school clubs or majors design specific uniforms to represent their group called '과잠'. These uniforms help the group members to feel a sense of belonging and improve teamwork. '과잠' could be any kind of clothing that a certain group customized, but mostly it refers to certain type of jacket that has great similarity to baseball jacket. Most of students in high college in South Korea probably have had the experience of customizing and ordering these '과잠'.
 However, because this specific clothing is used to represent the whole group, a lot of conflicts arise when customizing '과잠', especially when it is related to design. Group members want their '과잠' to be original and unique, but it is very hard to agree on one specific design due to the difficulty of predicting the output of their design.
 Therefore, we propose a web service to simulate '과잠' designs. Our web service will also provide voting systems related to the design in order for each group to reach on an agreement about the design.
 To make things more clear, we can summarize our web service into 3 main parts :

- Simulate 과잠 design : Users can simulate the design of their 과잠. This process will be done very thoroughly, from choosing the fabric to choosing the school/club logo. Users can save and put a vote to this simulation but they will have to log in and make/choose their community.
- Make/Join Community : Users can make their own community and let the other group members join the community by logging in and choosing their community. In this community, they can manage their designs that any of the group members created, or they can put their designs to a vote.
- Vote and agree on the best 과잠 design : Group members in a community can vote on a design they like. A statistics that is very easy to interpret for the users will be shown and updated every time a group member votes or suggests an opinion.

Customer

 People who belong to certain kind of organization or community are our potential customers. Since we expect a lot of customers from college or school clubs, we expect an increase of use at the start of every semester or every quarter. However, because a lot of organizations or communities are made at any time of the year and they also require some kind of uniform, we expect an average-looking frequency of access in general.

Competitive Landscape

A lot of companies provide design services for their 과잠 selling website. But our web service holds three major differences and therefore has greater competitive edge over these web services.

1. Websites that provide 과잠 design services are owned by certain manufacturing factories or companies. Therefore, if you want to use the design that you created in this website, you will probably have to use this particular kind of manufacturing company. However, our web service is an independent design simulation service and provides 과잠 design simulation regardless of any kind of factory or company. Simulation, saving, creating communities and voting services are provided without profit nor non-profit conditions.

2. Most design simulation web services provide very basic simulations that produce only rough sketches or prototypes of the design. It is very hard to predict how the actual output or clothing is going to turn out based on these rough sketches. On the other hand, our web service provides design systems that has actual fabric color and school logos as database. Our prototype of the design will be much more sophisticated than the competing websites and will resemble the actual output clothing the most.

3. As mentioned before, the competing websites provide design services in order to connect users to their online selling store and therefore sell their product. So, precisely speaking, there is no website service providing 과잠 design services only for the purpose of helping the group members agree upon a specific design. Our website also provides community pages and voting systems to help users manage and choose their design within their group. Users can act as an independent individual or they can act within their attached group.

User Stories

-Actors : Group user, Unattached client, Unidentified user

- Story 1 - Main Page
=> Feature : Go to Join page
=> Shown : Unidentified user
=> scenario : Go to Join page
=> Acceptance Test:
　　　Given - I am on the main page
　　　When - click Join button
　　　Then - I should go to the Join page

- Story 2 - Main Page
=> Feature : Log in
=>Shown: Unidentified user
=> Scenario : Log in and go to Log in page
=> Acceptance Test :
　　　Given - I am on the main page
　　　When - click Log in in button
　　　Then - I should go to the Log in page

Story 3 - Main Page
=> Feature : Go to My page
=>Shown : Group user, Unattached client
=> Scenario : Go to My page
=> Acceptance Test:
　　　Given - I am on the main page
　　　When - click My page button
　　　Then - I should go to the My page

Story 4 - Main Page
=> Feature : Go to group <id> page
=>Shown : Group user

=> Scenario : Go to group <id> page
=> Acceptance Test:
    Given - I am on the main page
    When - choose my group
    Then - I should go to the group <id> page

Story 5 - Main Page
=> Feature : Design
=>Shown : Group user, Unattached client, Unidentified user
=> Scenario : Design and simulate 과잠
=> Acceptance Test:
    Given - I am on the main page with design simulator <Design />
    When - choose details on design details
    Then - I should be in the main page with updated design simulator <Design />

Story 6 - Join Page
=>Feature : Join
=>Scenario : Join
=> Acceptance Test:
    Given - I am on the Join page
    When - I type my username in the username box
    And - I type my email in the email box
    And - I type my name in the name box
    And - I type my password in the password box
    And - I type my password in the pw check box
    And - I click my join button
    Then - I should be signed in
    And - I should be back to the main page being Unattached user

Story 7 - Log in Page
=>Feature : Log in
=>Scenario : Log in
=> Acceptance Test:
    Given - I am on the Log in page
    When - I type my id in the id box
    And - I type my password in the password box
    And - I click my sign in button
    Then - I should be signed in
    And - I should be in the main page being Group user or Unattached client based on user
        information

Story 8 - My page
=>Feature : See list of my information
=>Scenario : create/join group
=> Acceptance Test:
    Given - I am on My page and see a list of my information
    When - I create/join group
    And - I click submit button
    Then - I am on My page with updated list of my information

Story 9 - group <id> page
=>Feature : See list of designs in group <id>
=>Scenario : Sort
=> Acceptance Test:
    Given - I am on the group <id> page with list of designs
    When - I choose sort type
    Then - I am on the group <id> page with updated order of list designs
=>Scenario : Vote
=> Acceptance Test:

Given - I am on the group <id> page with list of designs
When - I vote on certain design
Then - I am on the group <id> page with updated information about list of designs

User Interface

로그인되지 않은 상태의 메인화면

로그인 된 상태의 메인화면