SNUwagon
Requirements and Specification

Group 4
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Abstract

"SNUwagon" is a web service where users can trade minor information about life on Seoul National University's campus. SNUwagon has three main functions: questions· answers, informative posts, and evaluation of content credibility. Users who wish to acquire information can post questions, and other users who have this information can reply with answers. Users who want to deliver certain information can post informative contents. Viewers of the information can evaluate the reliability or usefulness of the content. Each user owns credits, a form of digital currency. While asking, answering, and delivering information, users transact or spend their credits. The amount of credits spent while transacting is set either by the users involved in the transaction or by the system. Users also gain or lose credits according to the evaluation of the contents they have posted.

Customer

All students and faculty members of Seoul National University are our potential users. Then we may expand our service to other universities as well.

Competitive Landscape

The most popular online community among Seoul National University students and graduates is SNULife, with 130 thousand registered users as of April, 2014. Another online community targeted towards Seoul National University students is the Facebook group 'SNU Bamboo Grove,' which has about 400 thousand followers as of April, 2018.

The biggest difference that distinguishes SNUwagon from these two existing services is that SNUwagon aims not to act as an online community but as a place only for exchanging information. The purpose of existing services is in functioning as an online community of the users, hence the difficulty in efficiently searching for a desired piece of information. On the other hand, the sole purpose of SNUwagon is information exchange, so we have ruled out all the unnecessary clutter to offer a faster and more effective way for users to search for information.

A second difference to note is the confidentiality of the information and the reward given in return for the offered information. Unlike existing services where all information is equally open to everyone free of charge, on SNUwagon users are able to exchange information in private and trade credits for the information. This unique feature makes our service suitable for those information providers who are reluctant to share their information publicly and want to be fairly rewarded for what they offer.

User Stories

- Actor: regular user
- Story 1: Sign up page
  - Feature - Sign up
  - Scenario - Sign up and go to sign in page
  - Iteration - Sprint 1
  - Acceptance Test
    - Given: I am on the sign up page
    - When: I type my email in the email box
    - And: I click the id duplicate check button
    - Then: I should see a popup that I can use the ID
    - When: I type my password in the password box
    - And: I click the sign up button
    - Then: I should be signed up
    - And: I should be in sign in page

- Story 2: Sign in page
  - Feature - Sign in
  - Scenario - Sign in and go to main page
  - Iteration - Sprint 1
  - Acceptance Test
    - Given: I am on the sign in page
    - When: I type my email in the email box
    - And: I type my id in the password box
    - And: I type my password in the password box
    - And: I click the sign in button
    - Then: I should be in sign in
    - And: I should be in main page

- Story 3: Main page
  - Feature - Go to Introduction page
  - Scenario - Go to Introduction page
  - Iteration - Sprint 1
  - Acceptance Test
    - Given: I am on the main page
    - When: I click introduction button on bottom of the page
    - Then: I should be in introduction page

- Story 4: Main page
  - Feature - Go to Post List page
  - Scenario - Go to Post List page
  - Iteration - Sprint 1
  - Acceptance Test
    - Given: I am on the main page
    - When: I click QnA List or Information List button on main page
    - Then: I should see post list

- Story 5: Writing page
  - Feature - Writing post
  - Scenario - Writing post
  - Iteration - Sprint 2
  - Acceptance Test
    - Given: I am on the writing page
    - When: I write title of the post
    - And: I write content of the post
    - And: I click post button
    - Then: I should be able to read my question

- Story 6: Post List page
  - Feature - Read post
  - Scenario - Read post
  - Iteration - Sprint 2
  - Acceptance Test
    - Given: I am on the Post List page
    - When: I click post Title
    - Then: I should be able to read post

- Story 7: Post page
  - Feature - Reply question
  - Scenario - Reply question
  - Iteration - Sprint 2
  - Acceptance Test
    - Given: I am on the Post page
    - When: I write content of reply
    - And: I click post button
    - Then: I should see my reply posted

- Story 8: Post page
  - Feature - Approve/Disapprove post
  - Scenario - Approve/Disapprove post
  - Iteration - Sprint 2
  - Acceptance Test
    - Given: I am on the Post page
    - When: I click Approve button or Disapprove button
    - Then: I should see Approve number or Disapprove number or the post is increased

- Story 9: Search Page
  - Feature - Searching post
  - Scenario - Searching post with tag
  - Iteration - Sprint 2
  - Acceptance Test

- Given: I am on the Search page
- When: I write tag to search
- And: I click search button
- Then: I should see title of posts that include the tag

Future Iteration Discussion

- Private question feature
- Private reply feature
- Search feature
- Question deadline feature
- Information advertise feature
- notification feature
- Web app feature (push notification)

User Interface

Sign in

SNUwagon

SIGN UP

EMAIL

ID

PASSWD

SIGN UP

Sign up

SNUwagon
The Ultimate Information Trading Center

ID

PASSWD

SIGN IN   SIGN UP

Index Page

SNUwagon   USERID | X Credits | Notifications

Ask Question   Search Question   Post Information   Search Information

New Questions
title1 / title2 / title3 / ...

Sponsored Information
title1 / title2 / title3 / ...

Popular Tags
#tag1 / #tag2 / #tag3 / ...

Ask Question

SNUwagon   USERID | X Credits | Notifications

Ask Question

Title   How can I go 301?

Tags   #tag1 #tag2 #301

Detail   How can I go 301?
         Is it possible?
         Can human live there?
         I want to escape

Bounty   52 credits

Post!

Question/Info List

SNUwagon   USERID | X Credits | Notifications

Recent Questions

> **title1**   #tag1 #tag2
> **title2**   #tag1
> **title3**   #tag1 #tag3
> **title4**   #tag1 #tag4
> ...

1 2 3 ...

Search

SNUwagon   USERID | X Credits | Notifications

Search Question (By tags)

🔍 #tag1

4 questions found

> **result1**   #tag1 #tag2
> **result2**   #tag1
> **result3**   #tag1 #tag3
> **result4**   #tag1 #tag4

Post Info

SNUwagon   USERID | X Credits | Notifications

Post Information

Title   How to go 301

Tags   #tag1 #tag2 #301

Detail   You can take shuttle

Price   25 credits

Post!

Question

SNUwagon   USERID | X Credits | Notifications

Q. How can I go 301? (52 credits)   #tag1 #tag2 #301

How can I go 301?
Is it possible?
Can human live there?
I want to escape

Reply1: You can take shuttle   Buy this

Reply2: Just walk   Buy this

Answer this question

You can take shuttle

Back to List   Answer!

SNUwagon

Q. How can I go 301?

How can I go 301?
Is it possible?
Can human live there?
I want to escape

Info

SNUwagon   USERID | X Credits | Notifications

How to go 301   #tag1 #tag2 #301

Buy this information
for 25 credits

Info (opened)

SNUwagon   USERID | X Credits | Notifications

How to go 301   #tag1 #tag2 #301

You can take shuttle

Was it useful?

Yes   No