
IskoExchange

A Q&A Website for UP Students

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In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2017-2018

Unique Reference:

The documents are stored in the GitHub repository link: <https://github.com/ivanbalingit/IskoExchange>.

Document Purpose:

This document contains the project's description. This document also describes the entities involved in the project, with their relationships shown through the context diagram below. Inputs, outputs, and the major functionalities of the project are shown at the end. This document also contains a record of revisions made.

Target Audience:

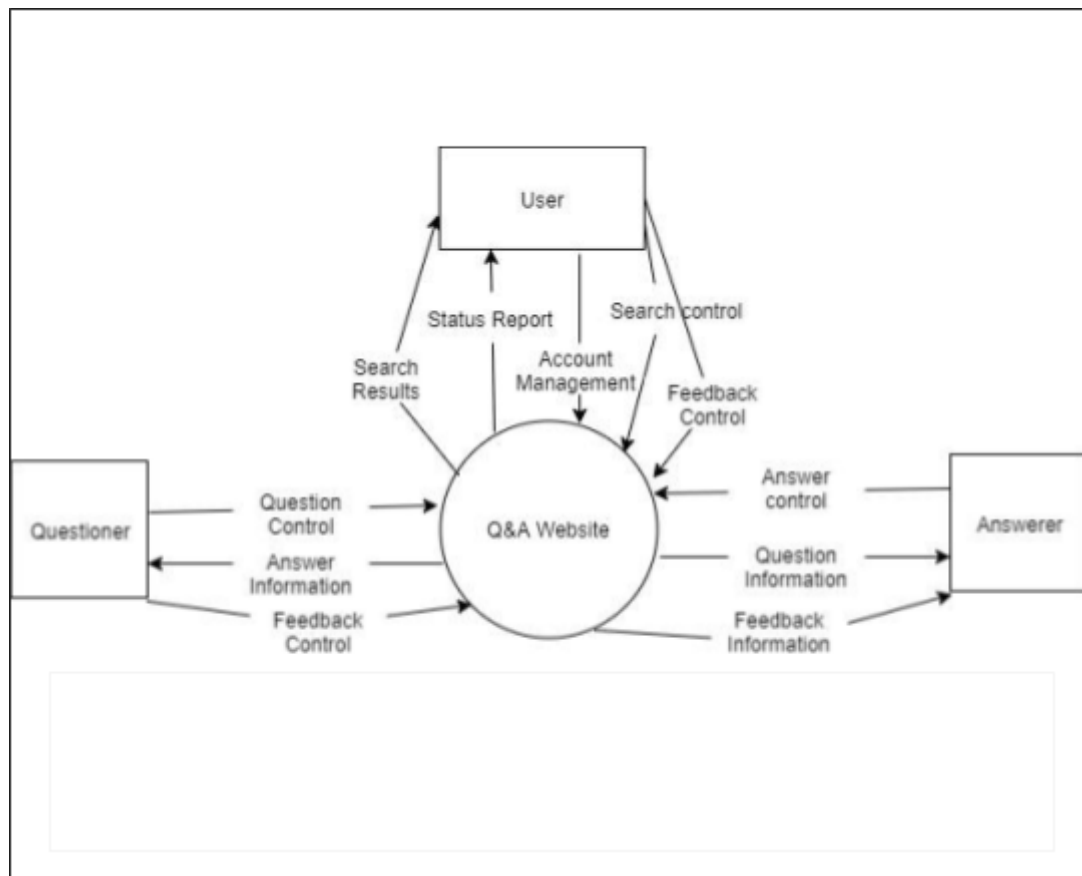
This document is- made as partial fulfillment of academic requirements for the course CS 191 - Software Engineering I, handled by Prof. Ma. Rowena C. Solamo.

Revision Control:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
09/06/17	Balingit, Ivan Carlo M. Cajaljal, Patricia Tan, Luis Carlos B.	1.0	Initial Document.

Project Title: IskoExchange

Description: IskoExchange is a platform for UP students to ask questions and share insights related to UP. These topics can vary from academics to certain University processes, and many more. IskoExchange aims to connect UP students together and answer each other's concerns quickly and clearly.



Context Diagram:

Entities:

1. User
 - a. Someone who can manage an account. (Create, Edit and Delete)
 - b. can browse question threads through query
 - c. can be an answerer or a questioner
 - d. can provide feedbacks and ratings
2. Answerer
 - a. a type of user
 - b. Provide answer to a certain question and control it. (Create, Edit and Delete)
 - c. Receives feedback such as upvotes, downvotes and replies.
3. Questioner
 - a. a type of user

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- b. Provides and asks a question and its information. (Create, Edit and Delete)
 - c. Flags a satisfactory tag to an answerer if he/she is satisfied with the answer

Major Inputs:

1. Questions (from user)
 - a. Users can ask questions which will have its own thread.
 - b. Questions can be edited and deleted
 - c. Requirements:
 - i. Must have an account to post questions
 - ii. Questions are under categories (academic and non-academic queries mainly about the University of the Philippines)
 - iii. Must have description and tags
2. Answers (from user)
 - a. Answers will be provided by the users in reply to the questions posted
 - b. Answers can be edited and deleted.
 - c. Requirements:
 - i. Must have an account to answer questions
 - d. An answer can be upvoted or downvoted by other users in terms of the satisfaction to the content of the response
 - e. Answer also has its own comment thread.

Minor input

1. Feedback such as ratings and comments
2. Search Query

Major Outputs:

1. Home Page
 - a. Questions with or without answers are shown based on popularity
 - b. Navigation bar is present.
2. Thread
 - a. Shows the questions and answers by users
 - b. Information involving feedbacks and time posted.

Minor output

1. Account information
2. Search results

Major Functionalities:

1. Account Management
 - a. Users get to create, edit and delete their own account.
2. Question Management
 - a. Users get to create, edit and delete questions
 - b. Users provide information about the questions such as categories and tags
3. Answer Management
 - a. Users get to create, edit and delete their own account.
 - b. Feedback from other users to the answerers can be made through upvoting/downvoting, and also comment thread will be provided for better discussion
4. Browsing
 - a. Queries help in searching questions with the aid of categories and tags
 - b. Sorting of search results are available. (By date or by popularity)