

Process Model

CSCI375

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Document Overview

In this document, we begin by providing an update on the current state of the project and noting the changes made to the project. We then move to the process model section of the document, in which we fully describe our product's logical process model.

In the process model section, we start by providing an overview of the processes included in the model then we provided a description of all the components that will be represented in the data flow diagram, such as the processes, data stores, data flows, and external entities. We will then present the data flow diagram to map out the flow of information for each process. We end the document with a preliminary description of how these logical processes, data stores, data flows, and external entities will be represented in the real physical model.

Project Update

The interface and certain features were updated to take into account instructor's feedback. Mainly, we kept the search feature as a primary feature to give the user more flexibility locating an idea. Second, we updated the interface to better show certain sub features, like the wish list, skills and steps. The last change we made to the project, was adding a final test for the overall system to be done on April 2, 2018.

**Refer to appendix I for the updated prototype.*

Overview of Processes:

We identified six processes for our process model. The first is the process of creating an idea. The second is the process of viewing detailed content of an idea. Third, is the process of editing an idea, which includes updating progress and making changes. Fourth process is the process of removing an idea. Fifth process is the process of searching for a specific idea or refining a list of ideas based on a pattern provided by the user. The sixth and final process, is the process of the system returning confirmation or requested content, which we called print.

Processes:

- (1) Create: initiated by user to create an idea.
- (2) View Request: initiated by user to view an idea.
- (3) Edit: initiated by user to edit content of an idea.
- (4) Remove: initiated by user to remove an idea from the system.
- (5) Search: initiated by user to refine a search for an idea.
- (6) Print: the systems response to user's requests.

External Entities:

- Users: broadly includes both idea owner and contributor.

Data Stores:

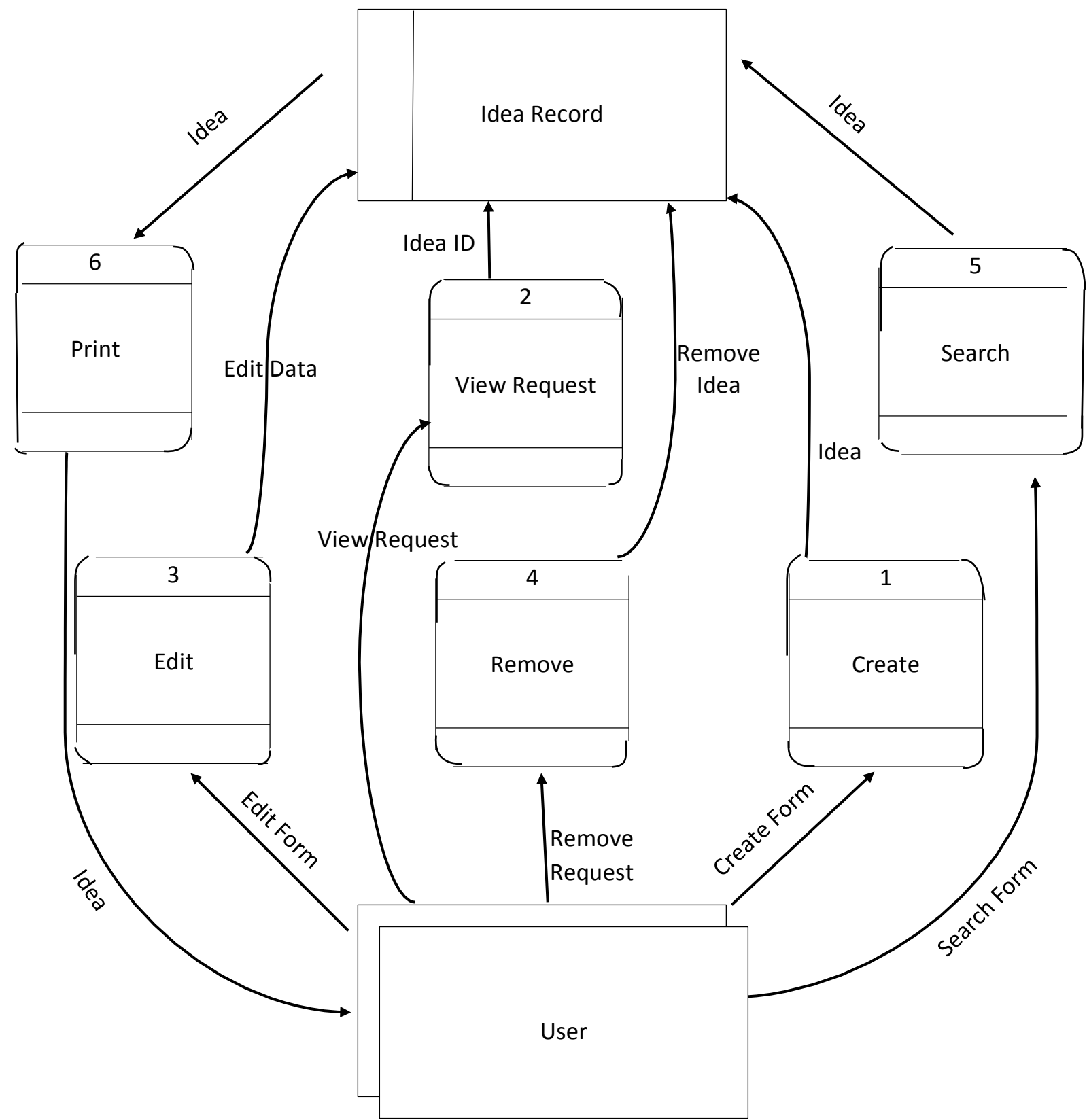
- Ideas: which includes all idea content and contact information of idea creator.

Data Flows:

- Password check (3,4): data needed for an edit or remove process.
- Edited data (3): data needed for an edit process.
- Idea id (1,2,3,4,5,6): data needed for all processes.
- Idea data (1,2,3,4,5,6): data needed for all process.

Note: idea id is for idea identification and is different from idea content in this case and therefore we made a differentiation.

DATA FLOW DIAGRAM



Preliminary description for representing the real physical model based on the process model provided:

Our model has approximately 6 processes, 5 of which are user requests to the database, and one of which is the systems output. Process 1 (create idea) is the simplest as it does not require the use of other processes to initiate. In the final product creating an idea will involve selecting the “create idea” button and filling out the form. Process 2 (View request) is the way a user requests the detail of a specific idea from the database, and process 6 (print) serves to display this data to the user by generating/loading the specified ideas page. Process 3, and process 4 (edit and remove) are more or less the same differing only in their end result, for both a user will have to access the details of a specific idea, enter edit mode and supply the password, and make the changes/hit the delete button as appropriate. Finally there is process 5 (search), which is the way a user browses the ideas of the site, the final product it will sort the ideas by relevance to the user’s request and display them in list of shortened format appropriate to the users device.

Appendix I.

1. Prototype 3.0

<http://makeitwork.csci.viu.ca>

Make It Work

[Create Idea](#)[Home Page](#)

Ideas

[project name](#)

progress: 0-----0-----0-----0-----0

discription

post date: dd/mmm/yyyy

.....

[project name](#)

progress: 0-----0-----0-----0-----0

discription

post date: dd/mmm/yyyy

.....

[project name](#)

progress: 0-----0-----0-----0-----0

discription

post date: dd/mmm/yyyy

.....



Make It Work

[Create Idea](#)

10 results for "some idea name blah blah"

Ideas

[project name](#)

progress: 0-----0-----0-----0-----0

discription

post date: dd/mmm/yyyy

.....

[project name](#)

progress: 0-----0-----0-----0-----0

discription

post date: dd/mmm/yyyy

.....

[project name](#)

progress: 0-----0-----0-----0-----0

discription

post date: dd/mmm/yyyy

.....

[Search Page](#)

<http://makeitwork.csci.viu.ca>

Make It Work

[Create Idea](#)

Create Idea

Name: Description:

Contact info:

name: location: email: password:

Contact Idea Manager if you can help with any of thier wishes (Note: checked boxes have been satisfied)

[Wish list](#)[Skills](#)[Steps](#)[Notes](#)☐ new wish ...☐ 15 garbage bags☐ 20 pens☐ 4x4 ft cardboard☒ hdmi cable☒ printer[add more wishes](#)

progress: 0-----0-----0-----0

Volunteers needed: / [Submit](#)[Remove](#)

Create Idea
Page

skills is the
same as wish
list

EDIT

[View an Idea](#)

if edit is clicked a password will be required. if password is correct user will be redirected to create page

<http://makeitwork.csci.viu.ca>

Make It Work

[Create Idea](#)

Create Idea

Name: Description:

Contact info:

name: location: email: password: [Wish list](#)[Skills](#)[Steps](#)[Notes](#)

- ☒ step 1: shadasoidjsaop
- ☐ step 2: wkjdhaskHAS
- ☐ step 3: njksadnsjkan
- ☐ step 4: djasdkjasdnksa

[add more steps](#)

skills is the
same as wish
list

progress: 0-----0-----0-----0

Volunteers needed: / [Submit](#)