

# **Intellect Notes Swapping**

**Swap and Learn**

## **Requirements and Design Documents**

**ITSC 4/5166: Network-based Application Development**

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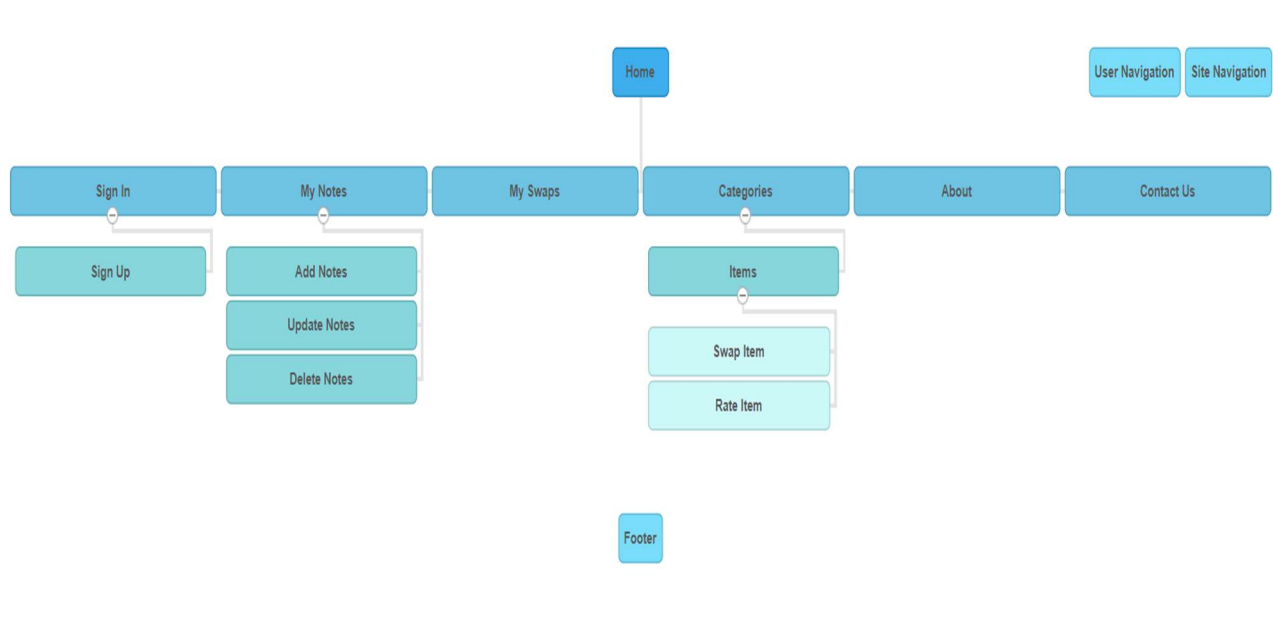
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## **Project overview**

Noteswap is the application Where people go to find, swap or give-away notes. Application is for users who owns the notes of different subjects and wants to share them with others and get their notes for studies. The application has about us page to get the idea about application and contact us page to get the feedback and for queries. This application allows user to register an account and sign in to start swapping their notes. Once user get signed in, he/she can see the status of the notes he owns, different categories of notes of other users. User can perform swap action to swap their notes with each other. Also, user can perform various other operations such as withdraw, accept, reject which offers made by other users. User also rate their notes as well as the swapped notes.

## Site Map



As described above, this is the site map of the application which describes the structure and allows the users to navigate through the site to find the information they are looking for.

## Page Design

Home:



**Name:** index.ejs

**Purpose:** The launch page of application

**Audience of page:** All users

**Fields:** NA

**Validations:** NA

**Links:**

- User Navigation
  - Sign In
  - Sign out
  - My Notes
  - My Swaps
- Site Navigation
  - Home
  - Categories
  - About
  - Contact Us

**Special Notes:** NA

Sign In:

The screenshot shows the 'Sign In' page of the 'Intellect Notes Swap' application. The header is dark grey with the site logo and name 'Intellect Notes Swap Swap and Learn' on the left, and 'Not signed in.' on the right. Below the header is a light blue navigation bar with links: 'Sign In', 'My Notes', 'My Swaps', and 'Carts'. On the left side, there is a dark grey sidebar with links: 'Home', 'Categories', 'Store', 'About', and 'Contact Us'. The main content area is white and features a 'Sign In' form. The form has a title 'Sign In', followed by 'Username' with a text input field labeled 'Enter Username', and 'Password' with a text input field labeled 'Enter Password'. Below the fields is a 'Sign In' button. At the bottom of the form, there is a link: 'Don't have an account? Register here!'. The footer is dark grey and contains the text '© Intellect 2018 | Designed by Intellect'.

**Name:** login.ejs

**Purpose:** Existing user sign in

**Audience of page:** All users

**Fields:** Username, Password

**Validations:** Required fields. Username should be valid email id. Have added email validation  
Password length should be alphanumeric in between 8 to 16 characters

**Links:** After login, user navigates to My Notes page

**Special Notes:** User can not access any other feature if he/ she is not logged in or registered.

## Sign Up:

Intellect Notes Swap Swap and Learn

Not signed in.

Sign In My Notes My Swaps Carts

Home  
Categories  
Store  
About  
Contact Us

### Register

First Name

Last Name

Email

Apt & Block No.

City

State

Country

Zip Code

Password

Confirm Password

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**Name:** signup.ejs

**Purpose:** New user can sign up

**Audience of page:** All users

**Fields:** First Name, Last Name, Email, Apt & Block No., City, State, Country, Zip code, Password, Confirm Password

**Validations:** All Required fields except Apt & Block No., City, State, Country, Zip Code. Username should be valid email id. Have added email validation.

Password length should be alphanumeric in between 8 to 16 characters

**Links:** After Sign up, user navigates to My Notes page

**Special Notes:** User cannot access any other feature if he/ she is not logged in or registered.

## My Notes:

The screenshot shows the 'My Notes' page of the Intellect Notes Swap application. The page has a dark header with the logo and 'Welcome Prashant'. A light blue navigation bar contains 'My Notes', 'My Swaps', and 'Carts'. A left sidebar lists 'Home', 'Categories', 'Store', 'About', and 'Contact Us'. The main content area shows the breadcrumb 'Home / Categories / my notes' and the title 'University of North Carolina at Charlotte's study notes for swap'. Below this is a table with the following data:

Notes	Category	My Rating	Swapped
Visual Analytics	Data Science	★	Available [Checkmark icon] [Update] [Delete]
Business Intelligence and Analytics	Data Science	★★★	Available [Checkmark icon] [Update] [Delete]
Access Control and Security Architecture	Information Security and Privacy	★★★	Pending [Refresh icon] [Update] [Delete]

The footer of the page reads '© Intellect 2018 | Designed by Intellect'.

**Name:** myItems.ejs

**Purpose:** Users can see their own notes. They can see the status of their notes and can update and delete the notes.

**Audience of page:** Logged in user who have some notes

**Fields:** NA

**Validations:** NA

**Links:**

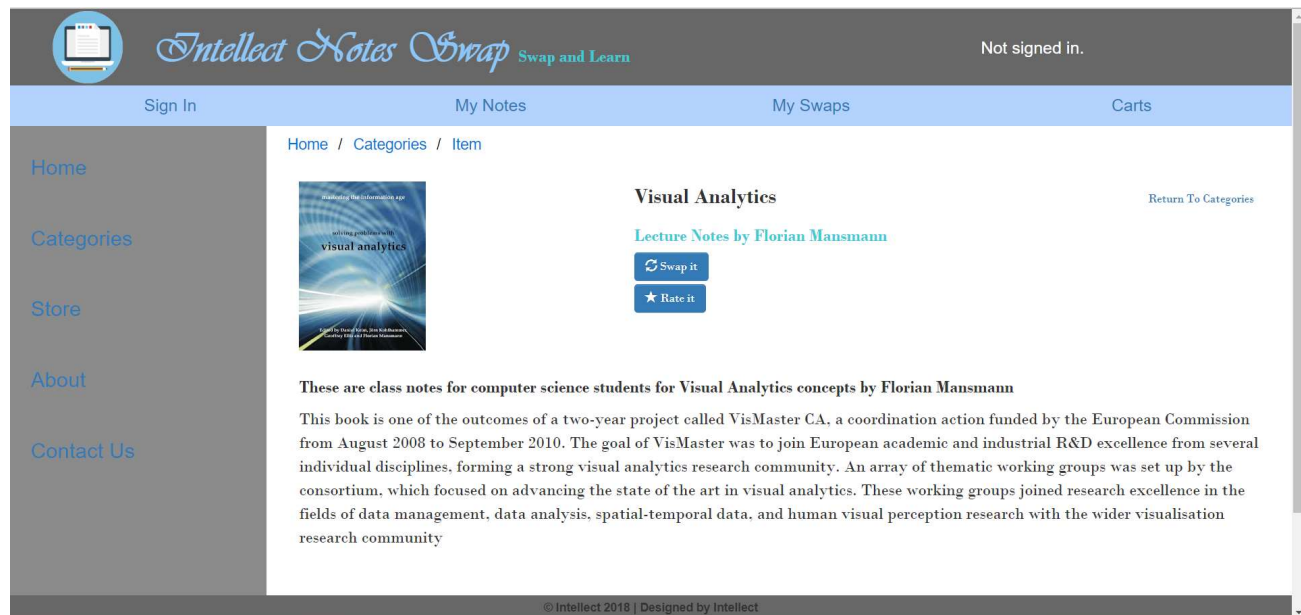
Update: Update the status of the notes to make that swap as per current status. When user clicks on update it will redirect to item page to confirm swap

Delete: Delete the notes from list.

**Special Notes:** NA



Item:



**Name:** item.ejs

**Purpose:** User navigates here when they click on the update button or when user selects the notes from category dropdown

**Audience of page:** Logged in user who have some notes

**Fields:** NA

**Validations:** NA

**Links:**

Swap It: To swap this item with any another available items

Rate It: To give the rating for this note

Return to Categories: Go back to the categories page

**Special Notes:** NA

Swap:



**Name:** swap.ejs

**Purpose:** This page facilitates user to swap his/her notes with the available note and confirm that swap action

**Audience of page:** Logged in user who have some notes to swap

**Fields:** NA

**Validations:** NA

**Links:**

Confirm Swap: Confirms the swap action with selected notes from his/her available notes.

**Special Notes:** NA

## My Swaps:



**Name:** mySwaps.ejs

**Purpose:** Users can see what deals they did. Also, they can see what others are offering the swaps. Here they get the accept and reject buttons to notes which they do not own.

**Audience of page:** Logged in user, who made an offer or who got the offer

**Fields:** NA

**Validations:** NA

**Links:**

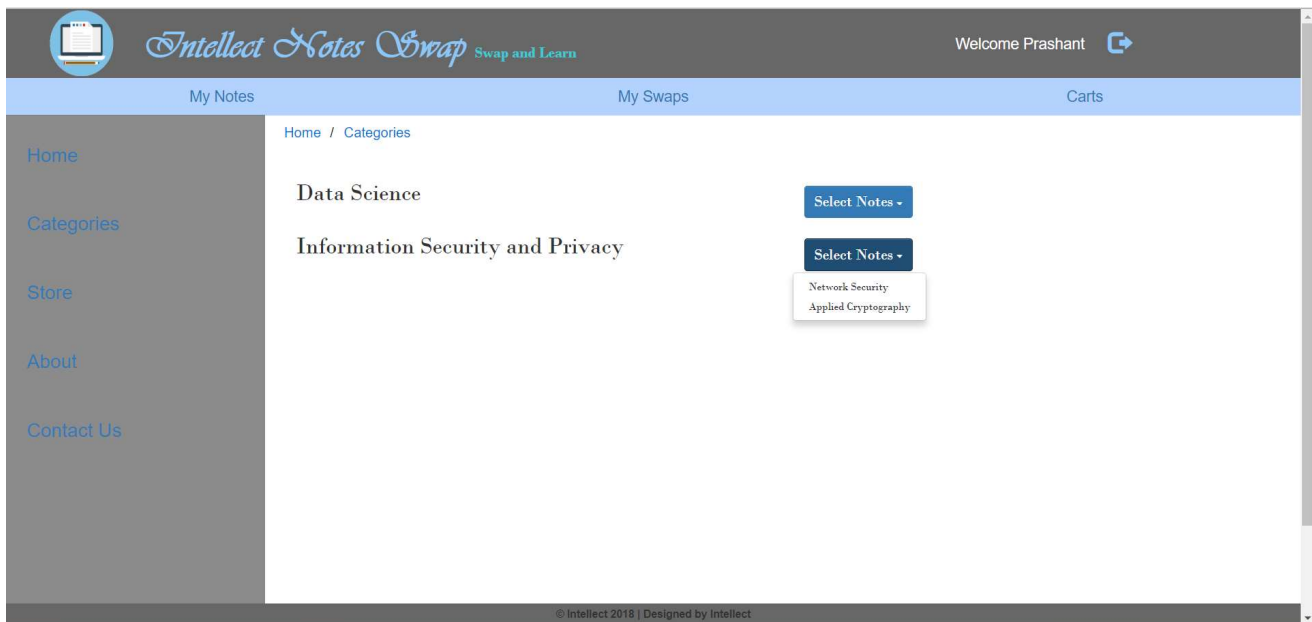
Withdraw: User can withdraw the offer which he/she made.

Accept: User can accept the offer which he/she got from another user.

Reject: User can reject the offer which he/she got from another user.

**Special Notes:** NA

Categories:



**Name:** categories.ejs

**Purpose:** Users can see here what all notes other has. He can select the notes of other user from the category dropdown

**Audience of page:** Logged in user

**Fields:** NA

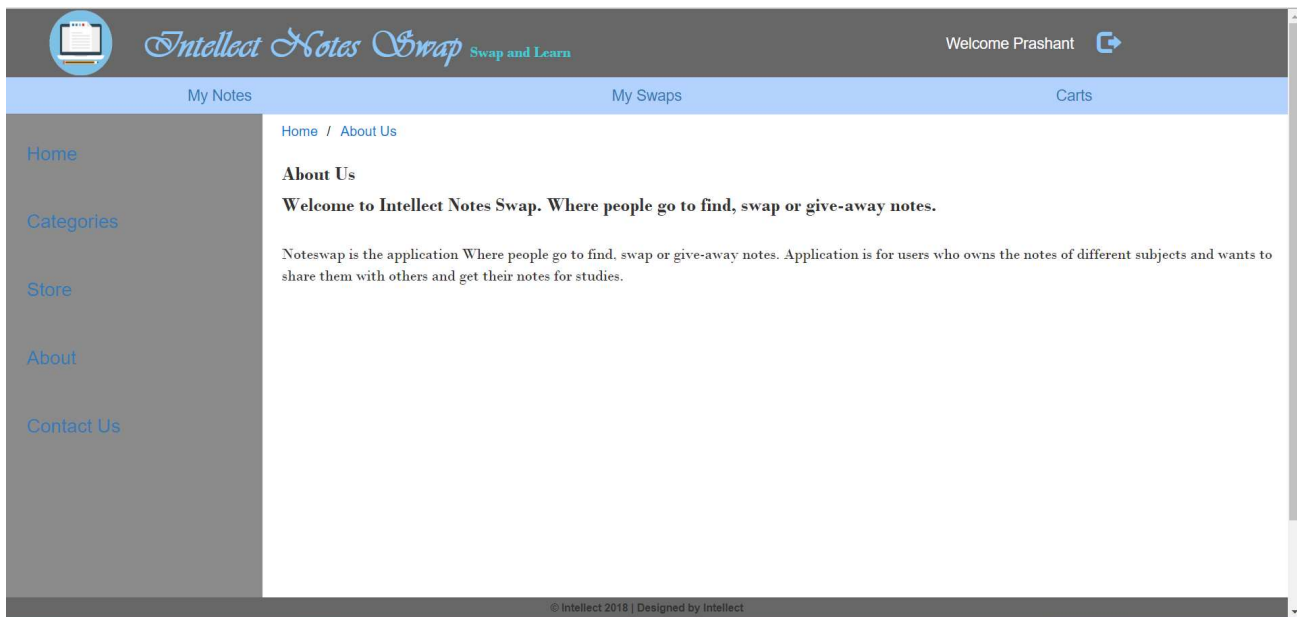
**Validations:** NA

**Links:** When user select one of the notes from category, he/ she will redirect to that note, which has all the information about that note. Also here, user can get the facility to swap and rate that note (item.ejs page)

**Special Notes:** NA

## Intellect Notes Swap

### About Us:



**Name:** about.ejs

**Purpose:** Users can get the idea about the application features

**Audience of page:** All users

**Fields:** NA

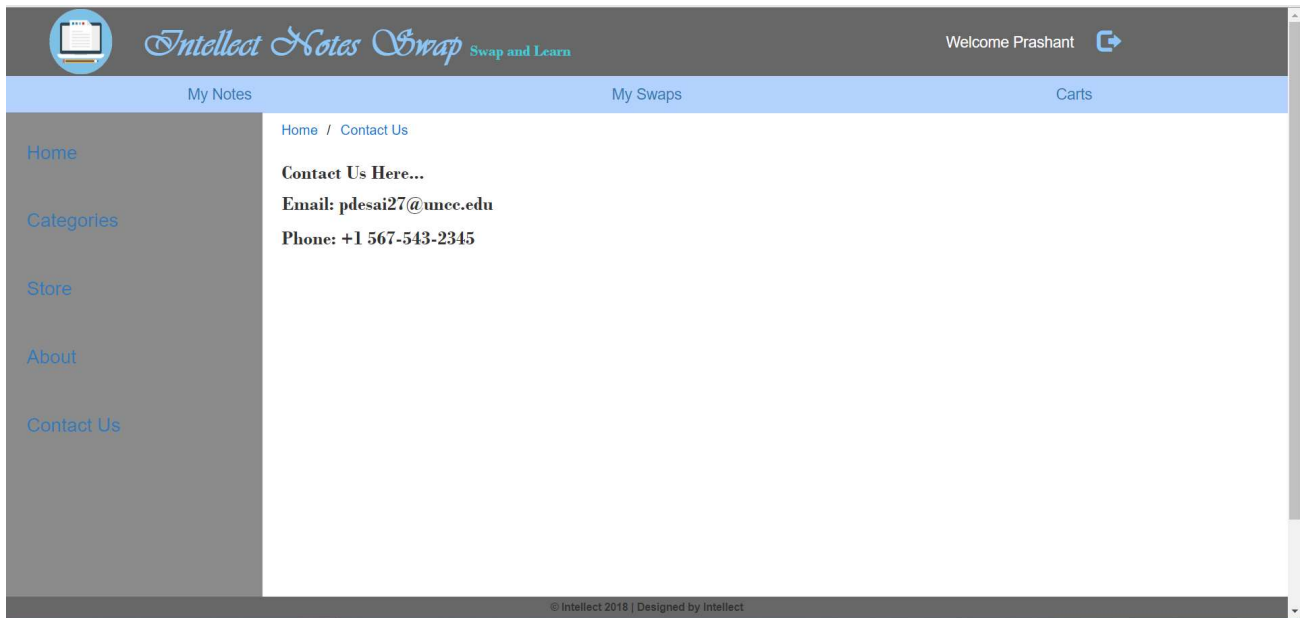
**Validations:** NA

**Links:** NA

**Special Notes:** NA

## Intellect Notes Swap

Contact Us:



**Name:** contact.ejs

**Purpose:** Users can contact the owner of application for feedback as well as for any queries.

**Audience of page:** All users

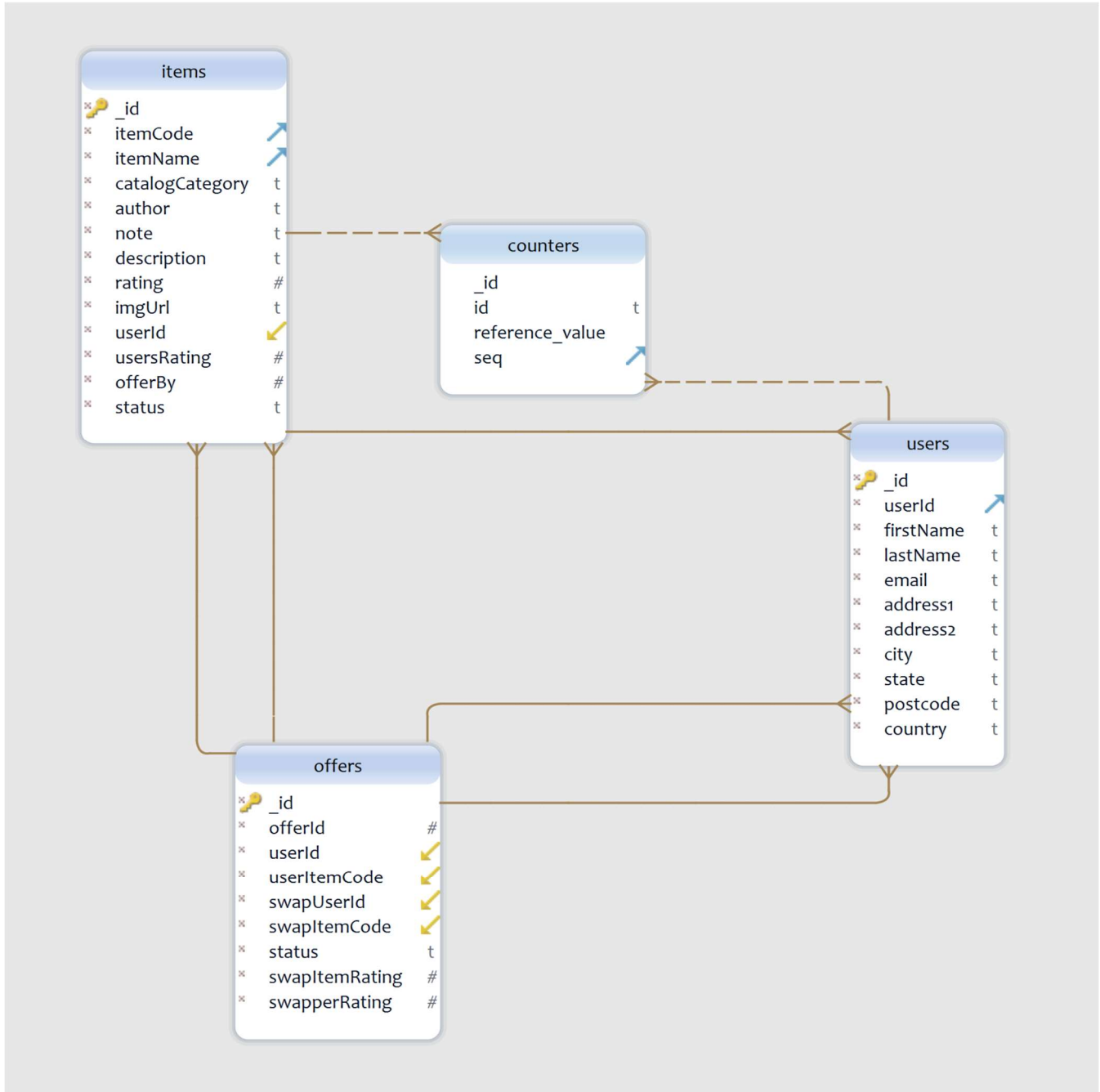
**Fields:** NA

**Validations:** NA

**Links:** NA

**Special Notes:** NA

## ER Diagram



Created this ER diagram using MongoDB- DbSchema software.