

**Vadiwoo Karuppiah**  
**CS 496 Final Project - Cloud Only**

**PROJECT DESCRIPTION**

In this project I used Pinterest API as the third party API to get some recipes ideas from my pin. Pinterest uses RESTful API to let us access user's Pinterest data like boards, pins, followers and more. I used their API to get the access token from OAuth implementation and applied it to retrieve my board listings from Pinterest. Then from the board data, I selected the Recipe Board and get the pins to used it in my recipes account to create new recipe.

**Table 1 : ENTITIES AND PROPERTIES**

<b>Entity</b> User	<b>Entity</b> Recipe
<b>Properties</b> id user_id first_name last_name email is_active	<b>Properties</b> id user_id recipe_name recipe_type source_url ingredients instructions

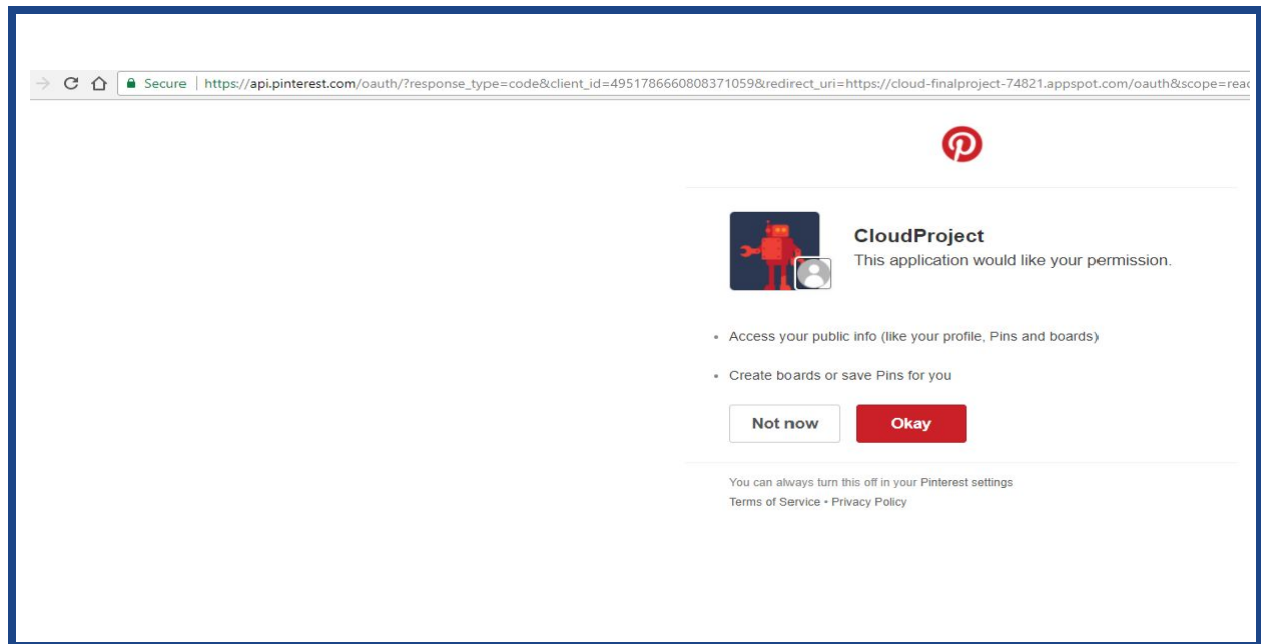
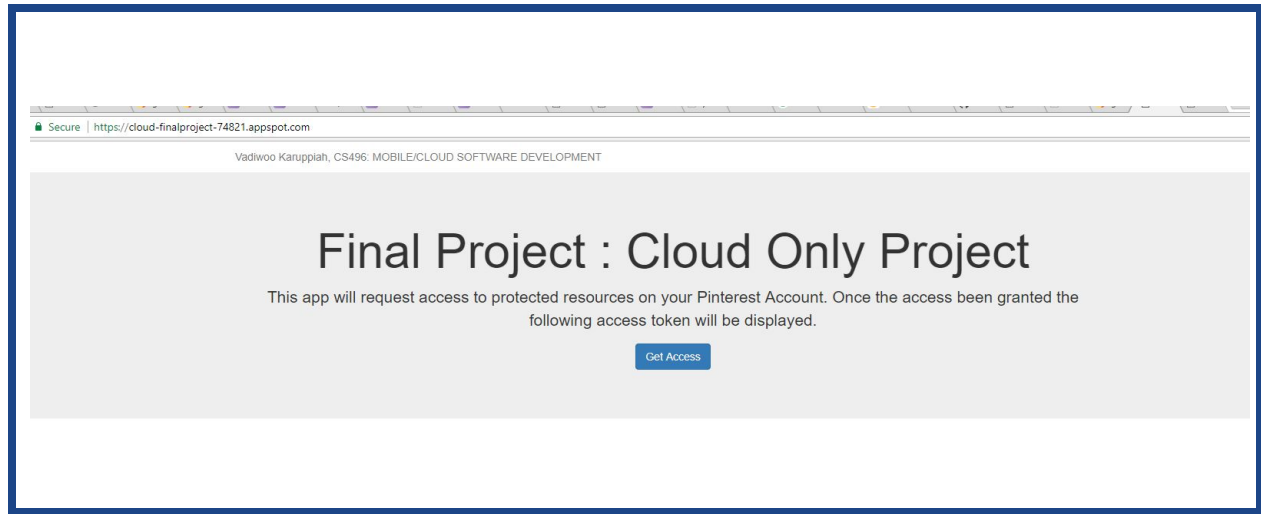
**RELATIONSHIP BETWEEN ENTITIES**

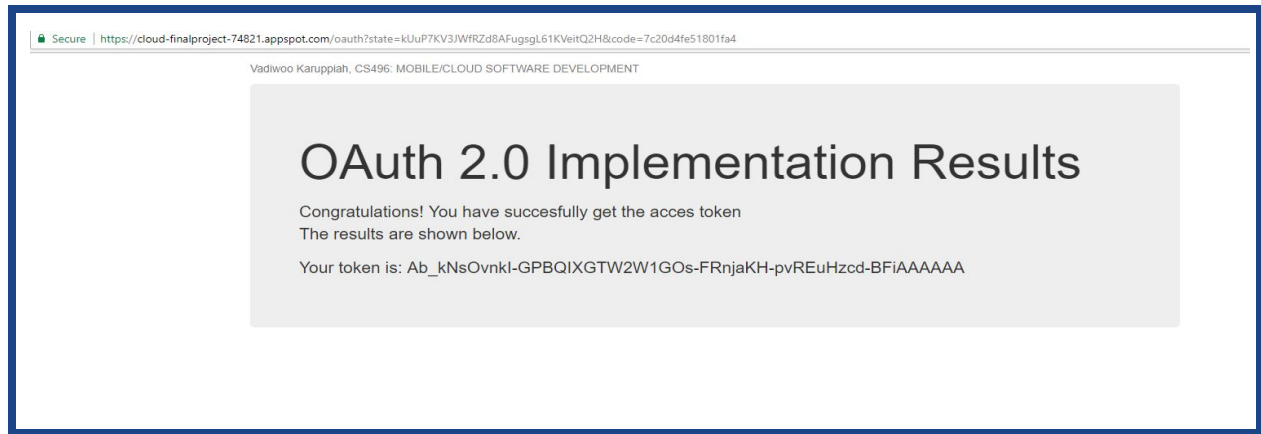
- 1 ) User can have one or more recipes to be added to his/her account
- 2) Many users can add same recipe to their account.
- 2) User can only add recipe to his account, if his/her account is active
- 3) If User is deleted, all the recipes for the user also will be deleted.

**APP URL**

<https://cloud-finalproject-74821.appspot.com>

## Webpage Demo:





## POSTMAN TEST DEMO URL

[https://media.oregonstate.edu/media/t/0\\_f2ztb22j](https://media.oregonstate.edu/media/t/0_f2ztb22j)

## URL's

### POST/user

**ACTION :** Create a new user

### GET/user/{{userID}}

**ACTION :** Returns specific user information

### PATCH/user/{{userID}}

**ACTION :** Edit User's Data

### PUT/user/{{userID}}

**ACTION :**Put user's status to be active/inactive

### DELETE/user/{{userID}}

**ACTION :** Delete a specified user

### POST/user/{{userID}/recipe

**ACTION :** Create a new recipe for specified user

### GET/user/{{userID}}/recipe/{{recipeID}}

**ACTION :** Returns specific recipe information for specific user

**PATCH/user/{{userID}}/recipe/{{recipeID}}**

**ACTION :** Edit specified recipe's information

**PUT/user/{{userID}}/recipe/{{recipeID}}**

**ACTION :** Put new information for the whole recipe

**DELETE/user/{{userID}}/recipe/{{recipeID}}**

**ACTION :** Delete the specified recipe for an user