**Final Project Proposal**

**Project Overview:** The project will comprise of a public website with user Interface where user can sign up and login with their account credentials and make public posts.

**Core Features:**

1. User Can Sign up and create user profile
2. User can sign in with valid password
3. User can post a video with an embedded video url and a valid title.
4. User can post a text blog with a valid title.
5. User can post an image with an embedded image url with a valid title.
6. User can search a post and if the title or description match is found, it will be shown.
7. Web site home page should show at least 10 posts and user should be able to scroll to the history showing most recent first.
8. User can favorite a post and can go to a page where they can see a list of their favorited posts.

**Extra Features:**

1. User should be able to follow other users.
2. Count of followers and following users should be displayed on all user page.
3. A User should be able to go to a page which shows all posts posted by his/her account.

**Database**

To achieve the desired Result, we will create two collections User and Posts for which schema will be as follows: The database name will CS546\_FinalProject\_SwapnilGorey

1. **Users**= {

\_id: “ ”,

username:” ”,

hashedPassword: “ “,

firstName: “ “,

lastName:” ”,

posts: [

{

title: “”,

contentType: “ “,

content= “ “

}

], //Array of post objects with these details

followers: [

{

Username: “ ”,

firstName: “ “,

lastName : “ ”

}

], //Array of other user object with these details

following : [

{

Username: “ ”,

firstName: “ “,

lastName : “ ”

}

], //Array of other user object with these details

favoritePosts: [

{

title: “ ”,

contentType: “ “,

content= “ “

}

] //Array of post objects with these details

}

1. **Posts** = {

\_id: “ ”,

Title: “ ”,

contentType: “ “,

content : “ “,

author=” “

}