



**NETNEWS**  
**WELCOME**

Online News Portal

Project Proposal

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## **Project Description:**

The project Online News Portal is a web application that focuses on providing daily news updates to the potential users in a simple and elegant manner by providing easier access to the services of the application and allowing users to interact with the application. The accomplishment of these goals is believed to be attained by making the web application

- Userfriendly
- Providing an effective search option
- Wellorganized dynamic content
- Clear calltoactions
- Links to the article for additional information
- Content browsing without user registration
- Registering users prior to rating the article or following other users
- Attractive layout to display news
- Relevant navigations for improved effectiveness
- Accessibility of one user's profile by other user

The web application will be designed such that it is appealing, easy-to-use and category specific. The application will not restrict itself to just dispensing news, but will also provide users a platform to express their concern or views on certain news (visitor feedback).

## **ACTORS:**

1. User
2. Admin User

## **Use case Analysis:**

### **1.User:**

- Registers
- Update profile
- Review articles
- Comments on article
- Like an article
- Browse news of all categories without registration
- Register only when user needs to contribute to the community
- Like an article

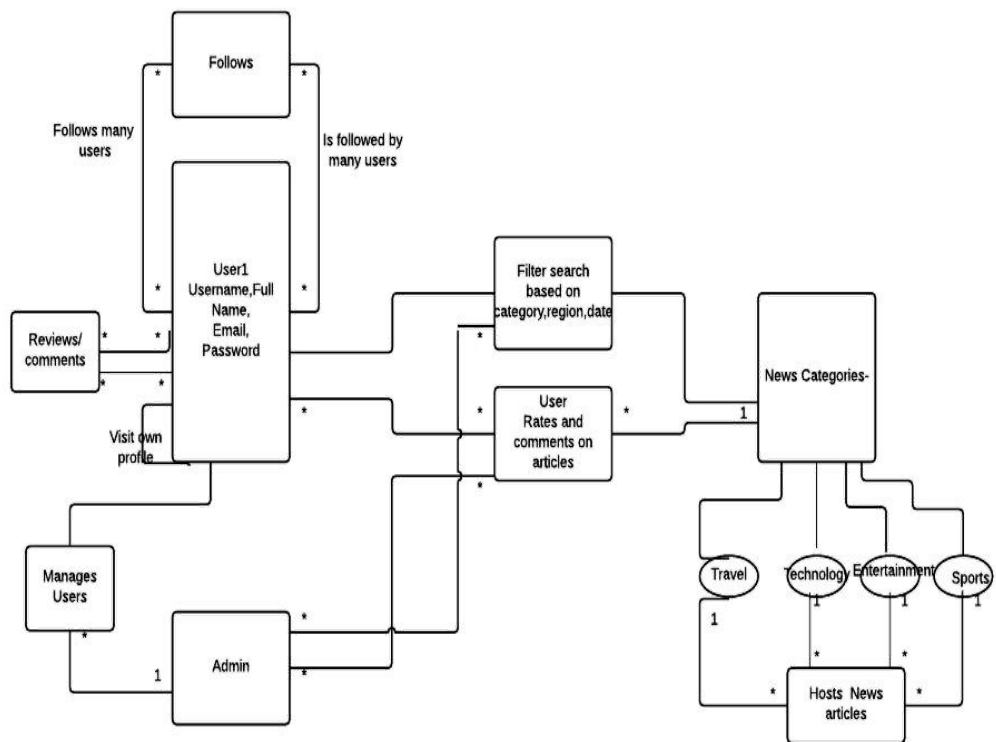
- Can navigate to details page by clicking on headline of news
- Profile contains details of articles liked and reviewed by the particular user
- Logout

## 2. Admin User:

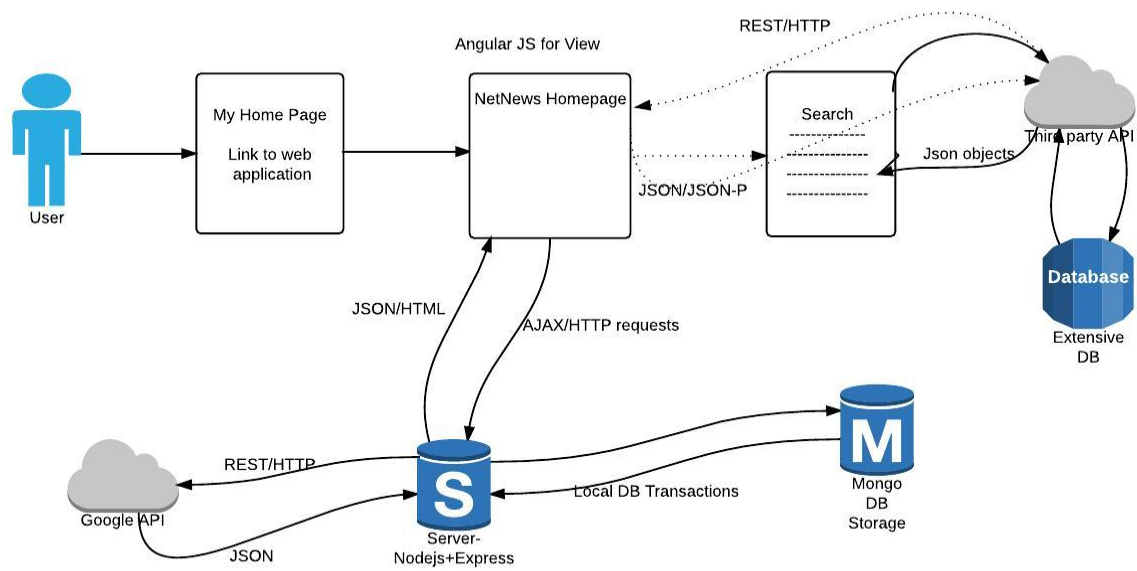
- Keep track of all users
- Has super user privileges
- View all users
- Delete a user
- Reset any details of user
- Add a new user
- RoleAdmin
- And all other features supported for user above also pertains to admin user

## UML Diagram and Data Model:

1. *User* represent user data such as username, password, full name
2. *News article* represents data for the news web application. It has different categories like sports, entertainment, travel, politics and technology.
3. *User to user relationship* represent a relation between users, e.g., user follows a user, a user rates article of other user
4. *User to domain object relationship* represent a relation between users and a domain object,
  - User rates article
  - User comments on article
  - User registers before rating and commenting an article
  - User browses information/news without registration
5. *Domain to domain relationship* represent a relation between domain objects, e.g., a category.
  - Each category has many articles
6. *One to many relationship*:
  - A category has many articles
7. *Many to many relationships*:
  - User reviews many articles and an article can have many user reviews.



Architecture:



Wireframes:

Link to mockups:

<https://mockups.com/priyanka.saddival@gmail.com/R0lq9ZaX/>

<https://mockups.com/#!/edit/priyanka.saddival@gmail.com/deYru5Jz>

16 > for wide screen devices

712 > for mobile devices