1. Add Categories
2. Add Posts
3. List All Posts with ranks
4. List All Recommended Posts based on categories in Tree Data Structure
5. List All reviewed Posts
6. List Users
7. List All Search History
8. View All user’s search based on Location ipaddress

**Architecture Diagram**

Accepting all user Information

**Admin**

View user data details

Authorize the Admin

Process all user queries

**Store and retrievals**

**WEB Database**

Registering the User

1. View your Details  
2. Search for Posts & View specified product and recommend to other by feeding your interest on the product by giving rate good, very good, awasome.  
 3. View my search History   
4. View recommends based Tree Format and click the corresponding product to view  
 5. View user interests on the post.   
 6. View Top K Recommendation

**Remote User**

1. **Searching Techniques**

**Content Based Approach** --- entering one keyword belongs to product description and searches based on the keyword in all related products and display the results.