Online Advertisement System

Case study Problem Statement

- Online Advertisement System(OAS) is a web based application to sell or purchase different commodities like furniture, electronic goods, vehicles etc.

- Users can post their advertisements along with photos & contact details. Whosoever is interested, will contact the seller.

Actors

- Administrator – He has authority to add goods category, manipulate users etc.

- User – User can post the advertisement to sell goods, he can also search for a commodity & purchase it from a seller.

Administrator Services

Sr. No.	Service	Entity	Data
1.	Add a category (for example Furniture, Electronic goods, Real Estate etc.)	Category	Category Name, Description
2.	View User List	User	User name, address, contact no, email etc.
3.	Delete User	User	User name
4.	View User Details	User	User name, address, contact no, email etc.
5.	View Advertisements posted by a specific user	Advertise	Advertise title, category, price, description, status (NEW/OPEN/CLOSED/REJECTED) etc.
6.	Approve/Reject an advertisement	Advertise	Advertise title, category, price, description, status etc.

Administrator Services

Sr. No.	Service	Entity	Data
7.	Delete Advertisement	Advertisement	Advertisement ID, title, category, price, description, status etc.

User Services

Sr. No.	Service	Entity	Data
1.	Register User	User	User name, address, contact no, email etc.
2.	Login User	Login	Username & Password
3.	Edit User Profile	User	User name, address, contact no, email etc.
4.	Post New Advertise	Advertise	Advertise title, category, price, description etc.
5.	Edit Advertise	Advertise	Advertise title, category, price, description etc.
6.	Read all Advertises posted by the user	Advertise	Advertise title, category, price, description etc.
7.	Read the specific advertise by id	Advertise	Advertise title, category, price, description etc.
8.	Delete an Advertise	Advertise	Advertise title, category, price, description etc.

User Services

Sr. No.	Service	Entity	Data
9.	Search Advertise by text entered in textbox	Advertise	Advertise title, category, price, description etc.
10.	Send message to the Advertise owner	Message	MessageID, AdvertiseID, SenderUserName, Message etc.

TECHNOLOGY USED

- JAVA 8
- Postgres