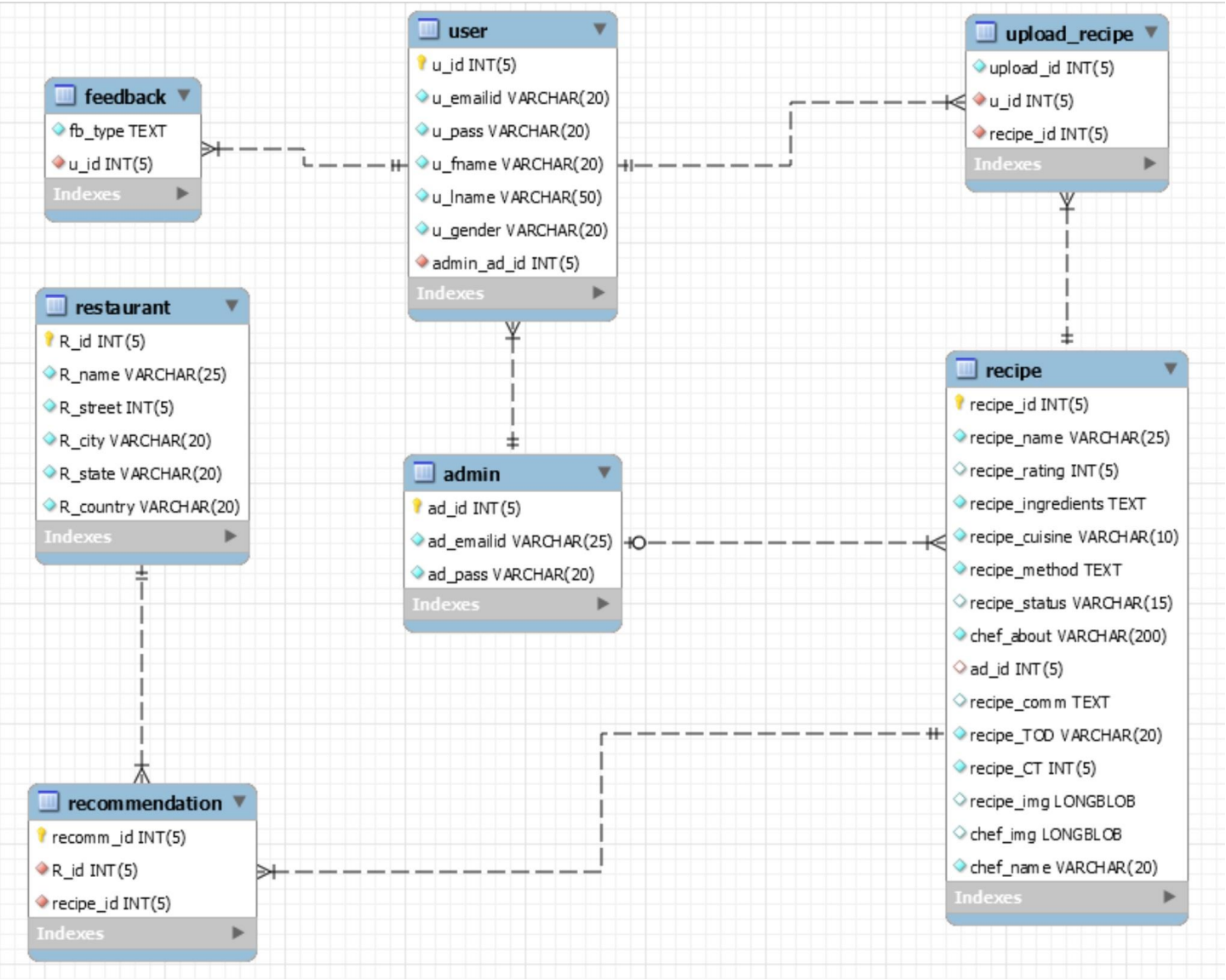
PROJECT DELIVERABLE 2

Q1. The ERD diagram



Q2. Properly formatted and commented SQL script for creating tables.

```
create schema wnd;

create table user (
 u_id int(5) not null AUTO_INCREMENT,
 u_emailid varchar(25) not null,
 u_pass varchar(20) not null,
 u_fname varchar (20) not null,
 u_lname varchar (20) not null,
 u_gender varchar(6) not null,
ad_id int(5) ,
foreign key(ad_id) references admin(ad_id) ,
primary key(u_id) );

create table upload_recipe
 ( upload_id int(5) not null,
  u_id int(5) not null,
  recipe_id int(5) not null,
 foreign key(u_id) references user(u_id),
 foreign key(recipe_id) references recipe(recipe_id)  );

create table admin (
 ad_id int(5) not null,
 ad_emailid varchar(25) not null,
 ad_pass varchar(20) not null,
primary key(ad_id) );

create table recipe (
 recipe_id int(5) not null auto_increment,
 recipe_name varchar(25) not null,
 recipe_rating int(1) ,
 recipe_ingredients text not null,
 recipe_cuisine varchar (10) not null,
 recipe_method text not null,
```

```
 recipe_comm text,
 ad_id int(5) not null,
 recipe_TOD varchar(25) not null,
 recipe_CT int(5) not null,
 recipe_status varchar (15),
 chef_about varchar(200) not null,
 recipe_img longblob null,
 chef_img longblob null,
 chef_name varchar(20) not null,
 primary key (recipe_id),
 foreign key(ad_id) references admin(ad_id) );

create table recommendation(
 recomm_id int(5) not null,
 R_id int(5) not null auto_increment,
 recipe_id int(5) not null,
primary key(recomm_id),
foreign key(R_id) references restaurant(R_id),
foreign key(recipe_id) references recipe(recipe_id) );

create table restaurant
(R_id int(5) not null auto_increment,
 R_name varchar(25) not null,
 R_street int(5) not null,
 R_city varchar (20) not null,
 R_state varchar(20) not null,
 R_country varchar(20) not null,
 primary key (R_id) );

create table feedback
(fb_type text not null,
 u_id int(5) not null auto_increment,
 foreign key(u_id) references user(u_id));
```

Q3. Properly formatted and commented SQL script for populating the table.

INSERT DATA INTO TABLE USER

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('1', 'usf@gmail.com', 'usf', 'usuf', 'ahmed', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('2', 'cvb@gmail.com', 'tyu', 'ajit', 'pandit', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('3', 'qwe@gmail.com', 'dede', 'pujan', 'moti', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('4', 'hbv@gmail.com', 'okil', 'akhil', 'shah', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('5', 'qax@gmail.com', 'yeta', 'beta', 'patel', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('6', 'werd@gmail.com', 'jdeid', 'saurabh', 'nigam', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('7', 'dew@gmail.com', 'ytrr', 'vaibhav', 'bhayani', 'male', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('8', 'huv@gmail.com', 'wtet', 'pooja', 'shah', 'female', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('9', 'syth@gmail.com', 'qwsx', 'prachi', 'patwa', 'female', '7');

INSERT INTO `wnd`.`user` (`u_id`, `u_emailid`, `u_pass`,`u_fname`,`u_lname`,`u_gender`,`ad_id`) VALUES ('10', 'xwid@gmail.com', 'iknb', 'jennifer', 'lee', 'female', '7');

INSERT DATA INTO TABLE RECIPE

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('1', 'maggi', '3', 'noodles,spice', 'chinese', 'boli noodles, add spices', 'approved', 'I love it as it reminds me of my mom', '7', 'great', 'breakfast', '2', 'rajan');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('2', 'corn soup', '4', 'corn,water', 'american', 'add corn, add water', 'approved', 'corn is only man made crop and its easy to make recipe', '7', 'good', 'breakfast', '3', 'jennifer');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('3', 'taco', '4', 'potato,spices,tomato', 'mexican', 'add tomato,spices,potato', 'approved', 'it\'s the mexican way of treating your stomach', '7', 'excellent', 'lunch', '4', 'tuko');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('4', 'samosa', '5', 'potato,spices', 'indian', 'add potato,spices', 'approved', 'it\'s a punjabi originated dish, as i\'m punjabi i love to make it.', '7', 'great', 'breakfast', '5', 'pujan');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('5', 'vada', '5', 'potato,spices', 'indian', 'add potato,spices', 'approved', 'bombay vada, I use to buy it for 3 rupees n now i make it in usa', '7', 'good', 'breakfast', '7', 'saurabh');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('6', 'garbanzo beans', '5', 'beans,spices', 'mexican', 'add beans,spices', 'approved', 'i love cooking mexican', '7', 'can be better', 'lunch', '10', 'salamdar');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('7', 'schezwan rice', '4', 'rice,sauce', 'chinese', 'add rice,sauce', 'approved', 'i love cooking chinese', '7', 'excellent', 'dinner', '12', 'arjun');

INSERT INTO `wnd`.`recipe` (`recipe_id`, `recipe_name`, `recipe_rating`, `recipe_ingredients`, `recipe_cuisine`, `recipe_method`, `recipe_status`, `chef_about`, `ad_id`, `recipe_comm`, `recipe_TOD`, `recipe_CT`, `chef_name`) VALUES ('8', 'burger', '5', 'potato,onion', 'american', 'add potato,onion,bread', 'approved', 'i love cooking american', '7', 'routine but original', 'breakfast', '10', 'vaibhav');

INSERT DATA INTO TABLE ADMIN

INSERT INTO `wnd`.`admin` (`ad_id`, `ad_emailid`, `ad_pass`) VALUES ('7', 'pujan@gmail.com', 'bhayani');

INSERT DATA INTO TABLE RESTAURANT

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('1', 'Rasoi', '10', 'jersey city', 'New Jersey', 'USA');

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('2', 'Chipotle', '6', 'hoboken', 'New Jersey', 'USA');

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('3', 'Dominos', '14', 'hoboken', 'New Jersey', 'USA');

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('4', 'uncle jhon', '23', 'manhattan', 'New York', 'USA');

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('5', 'matt meera', '27', 'manhattan', 'New York', 'USA');

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('6', 'olive garden', '42', 'manhattan', 'New York', 'USA');

INSERT INTO `wnd`.`restaurant` (`R_id`, `R_name`, `R_street`, `R_city`, `R_state`, `R_country`) VALUES ('7', 'deccans spice', '98', 'jersey city', 'New Jersey', 'USA');

INSERT DATA INTO TABLE UPLOAD_RECIPE

INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('1', '1', '1');

INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('2', '2', '2');

```
INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('3', '3', '3');
INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('4', '4', '4');
INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('5', '5', '5');
INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('6', '6', '6');
INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('7', '7', '7');
INSERT INTO `wnd`.`upload_recipe` (`upload_id`, `u_id`, `recipe_id`) VALUES ('8', '8', '8');
```

INSERT DATA INTO TABLE RECOMMENDATION

```
INSERT INTO `wnd`.`RECOMMENDATION` (`recomm_id`, `R_id`, `recipe_id`) VALUES ('1', '1', '1');
INSERT INTO `wnd`.`RECOMMENDATION` (`recomm_id`, `R_id`, `recipe_id`) VALUES ('2', '5', '1');
INSERT INTO `wnd`.`RECOMMENDATION` (`recomm_id`, `R_id`, `recipe_id`) VALUES ('3', '2', '5');
INSERT INTO `wnd`.`RECOMMENDATION` (`recomm_id`, `R_id`, `recipe_id`) VALUES ('4', '3', '4');
INSERT INTO `wnd`.`RECOMMENDATION` (`recomm_id`, `R_id`, `recipe_id`) VALUES ('5', '4', '3');
INSERT INTO `wnd`.`RECOMMENDATION` (`recomm_id`, `R_id`, `recipe_id`) VALUES ('6', '6', '2');
```

INSERT DATA INTO TABLE FEEDBACK

```
INSERT INTO `wnd`.`FEEDBACK` (`fb_type`, `u_id`) VALUES ('This website is really helpful.', '1');
INSERT INTO `wnd`.`FEEDBACK` (`fb_type`, `u_id`) VALUES ('I\'m loving it here.', '2');
INSERT INTO `wnd`.`FEEDBACK` (`fb_type`, `u_id`) VALUES ('All recipe are pretty good.', '3');
```

Q4. Properly formatted and commented SQL script for executing sample queries.

USER – SIGN UP

```
INSERT INTO `wnd`.`user`(`u_emailid`,`u_pass`,`u_fname`,`u_lname`,`u_gender`)

VALUES ('arjun@gmail.com','sallu','Arjun','shah','male');
```

USER – LOGIN IN

```
SELECT * FROM user WHERE u_emailid = 'arjun@gmail.com' AND u_pass = 'sallu';
```

USER – SEARCH

Q. Find a recipe for dinner for an 'Indian' cuisine which can be made in 10 minutes.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_cuisine = 'Indian' and recipe_TOD = 'dinner' and recipe_CT = '10';
```

Q. Find recipes in Chinese cuisines.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_cuisine = 'Chinese';
```

Q. Find recipes which can be cooked within 10 minutes.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_CT = '10';
```

Q. Find all recipes which can be cooked as breakfast.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_TOD = 'breakfast';
```

Q. Find recipes for Chinese cuisine which can be cooked in 12 minutes.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_cuisine = 'Chinese' and recipe_CT = '12';
```

Q. Find breakfast recipes that can be made in 3 minutes.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_CT = '3' and recipe_TOD = 'breakfast' ;
```

Q. Find lunch recipes that is of Mexican cuisine.

```
select recipe_name,recipe_ingredients,recipe_method,recipe_CT,recipe_cuisine,recipe_TOD,chef_name from recipe
where recipe_cuisine = 'mexican' and recipe_TOD = 'lunch' ;
```

USER - UPLOAD A RECIPE

```
INSERT INTO `wnd`.`recipe` (`recipe_name`, `recipe_ingredients`,
`recipe_cuisine`,`recipe_method`,`chef_about`,`recipe_TOD`,`recipe_CT`,`chef_name`)
VALUES ('rasam', 'garlic,tomatoes', 'Indian','squeeze the tomatoes and add garlic','I m student from south india and i
learned this recipe from my mom in my childhood days','dinner','10','deepak');

INSERT INTO `wnd`.`restaurant`(`R_name`,`R_street`,`R_city`,`R_state`,`R_country`)
VALUES ('deccans spice','98','Jersey city','New Jersey','United States');
```

USER – COMMENT & RATE THE RECIPE

```
UPDATE recipe  set recipe_comm = 'good', recipe_rating = 5 where recipe_id = 9 ;
```

USER - FEEDBACK

```
INSERT INTO `wnd`.`feedback`(`fb_type`,`u_id`)

values ('I think its a great platform to show my kitchen skills','4');
```

ADMIN – APPROVE RECIPE

```
UPDATE recipe  set recipe_status = 'approved', ad_id = 7 where recipe_id = 9 ;
```

ADMIN – NUMBER OF DINNER RECIPES UPLOADED BY A PARTICULAR USER

```
select * from user, upload_recipe, recipe

where user.u_id = upload_recipe.u_id

and upload_recipe.recipe_id=recipe.recipe_id

and user.u_id=7

and recipe.recipe_TOD='dinner';
```

ADMIN –RESTAURANT DATA WHERE MAGGIE IS SERVED

```
select * from restaurant, recommendation, recipe
where restaurant.r_id=recommendation.R_id
and recommendation.recipe_id=recipe.recipe_id
and recipe_name='maggi';
```

ADMIN – NUMBER OF FEEDBACKS GIVEN BY A PARTICULAR USER

```
select * from feedback, user

where feedback.u_id=user.u_id

ORDER BY user.u_id;
```

ADMIN – FIND SUCH DISH HAVING MORE THAN 3 RATINGS IN JERSEY CITY

```
select * from restaurant, recommendation, recipe

where restaurant.r_id=recommendation.R_id

and recommendation.recipe_id=recipe.recipe_id

and restaurant.r_city='hoboken'

and recipe_rating>3;
```