

CPSC 304 Project Cover Page

Milestone #: 1

Date: February 2, 2024

Group Number: 9

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Description

Project Domain:

The domain of this application is cooking recipes. As a community-centric platform, it will enable users to view recipes from professional chefs and learn from them, while also being able to review those recipes. Moreover, it will additionally serve the community by allowing users to attend events which will be competitive whereby users will earn points. It is designed to serve as a comprehensive platform for users interested in expanding their cooking skills, exploring new cuisines, and connecting with like-minded individuals.

User Stories/ Real-life applications:

- A home cook planning a dinner party could use the app to find recipes based on serving size and dietary preferences.
- A professional chef might upload signature recipes to share their creations with a wider audience.
- Individuals with specific dietary needs (e.g., gluten-free, vegetarian) could use the app to discover new recipes that meet their requirements.
- Home cooks who want to try new cuisines can use the app to find new recipes and leave reviews on the recipes.
- Home cooks can follow other users, whether they are professional chefs or fellow home cooks, thus introducing a communal aspect to the app.
- Home cooks will be invited to various events where the top 2 cooks will get 10 and 5 points respectively while participants will get 2 points for participation. The points will be used to determine the positions of the home cooks on various leaderboards based on the category of events attended.

Database functionality:

The database will enable users to analyze user preferences on the basis of their demographics. This will help in identifying user trends in order to be able to determine popular cuisines, dietary trends, and cooking habits in general. Moreover, it allows users to determine which event themes are most popular among users. Another key feature is that users will be able to view metrics on

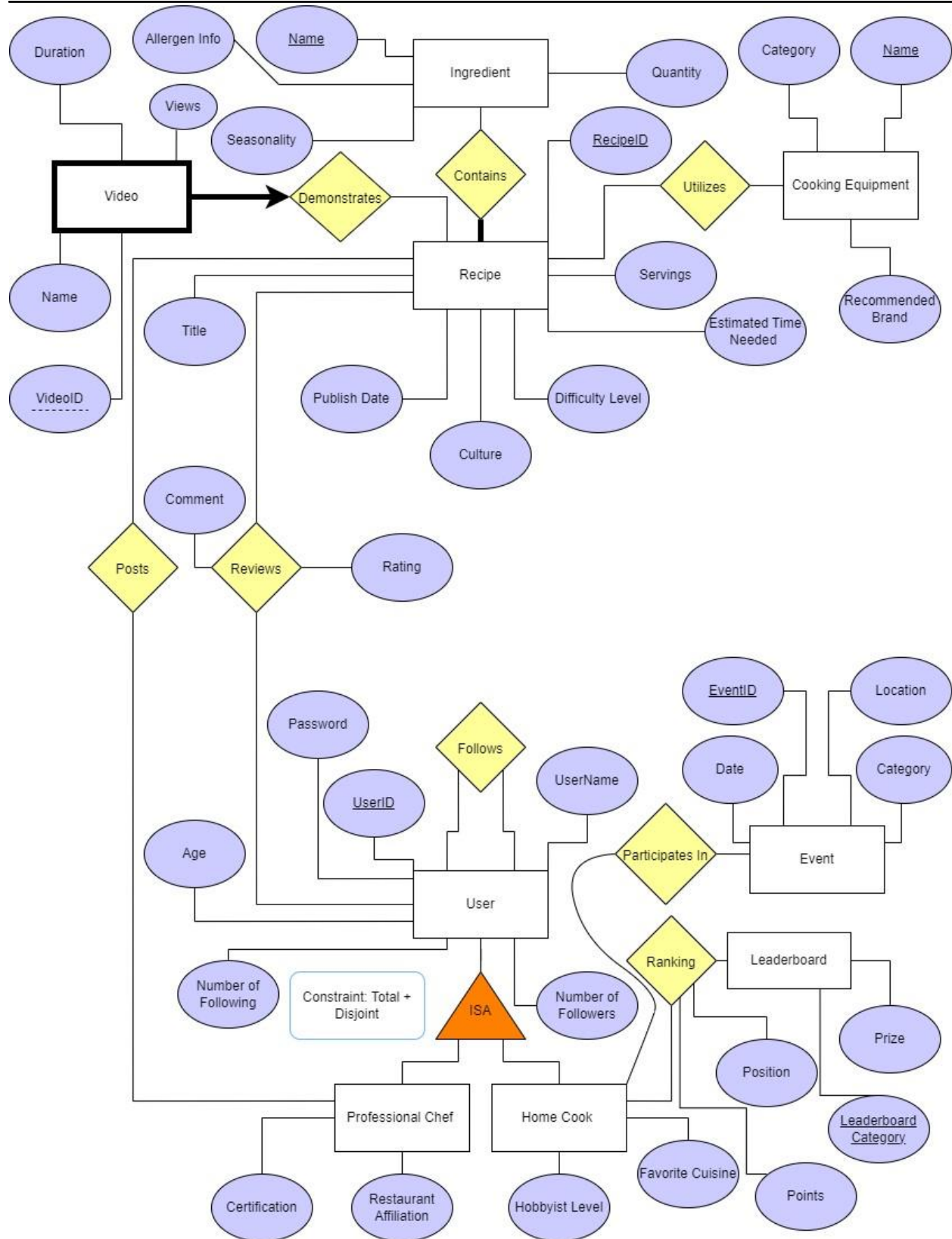
which professional chefs are most popular based on their ratings, followers, and views on their videos.

Application platform:

Our application will use JavaScript, HTML, and CSS for the front-end of our application while using PHP for the backend. Moreover, we will utilise Oracle for our Database Management System.

ER Diagram:

Please see the next page.



Extra Comments

- The attribute 'Recommended Brand' of Cooking Equipment signifies equipment which professional chefs have endorsed for the purpose of their individual recipes.
- There will be multiple leaderboards pertaining to different categories of events.
- Any video posted must showcase a recipe, thus explaining why 'Video' has been presented as a weak entity in the entity-relationship diagram.
- The 'Prize' attribute of Leaderboard entity represents the prize for winners on individual leaderboards.