Web Technology 20/21 Project Plan

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Our Idea:

Web Application called **YumYum.**

YumYum is a recipe web app that allows users to create and share recipes.

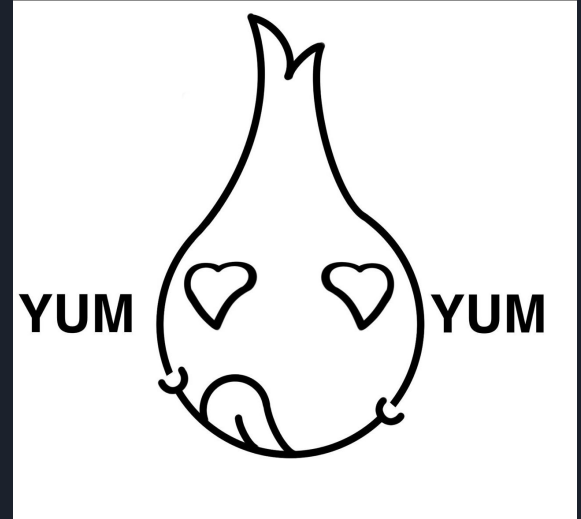Recipes can contain text, images and videos.

Recipes will be based on a set of ingredients, which can also be used to filter recipes.

YumYum will also provide an option to export a shopping list (from recipes selected).

Users will have an option to register and log in/out.

YumYum - A Recipe WebApp:
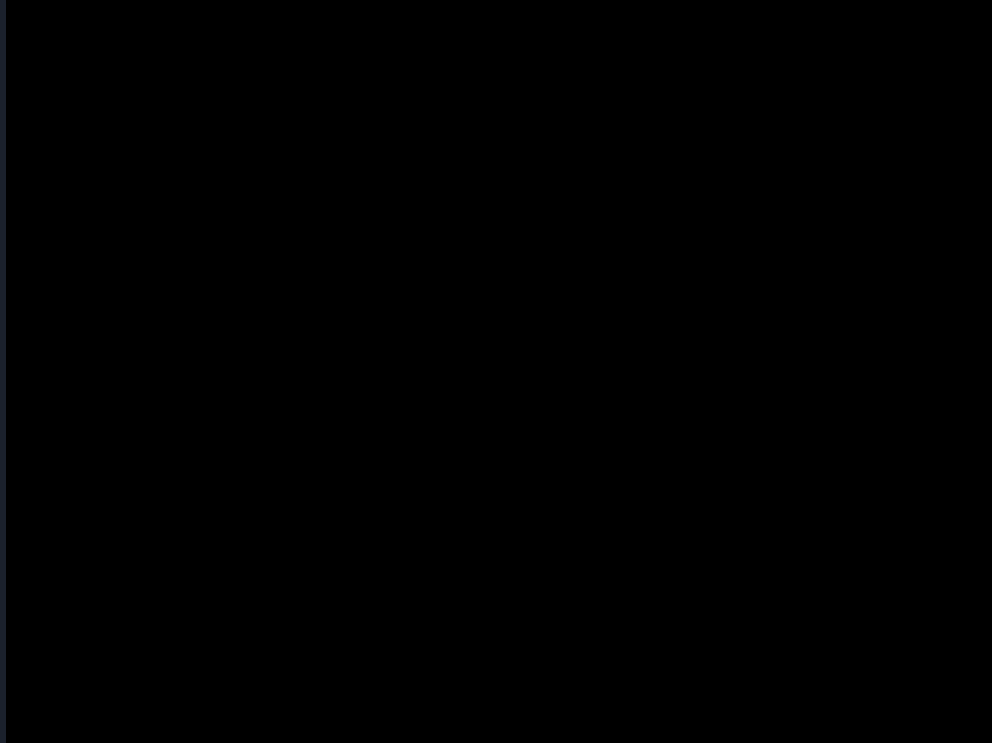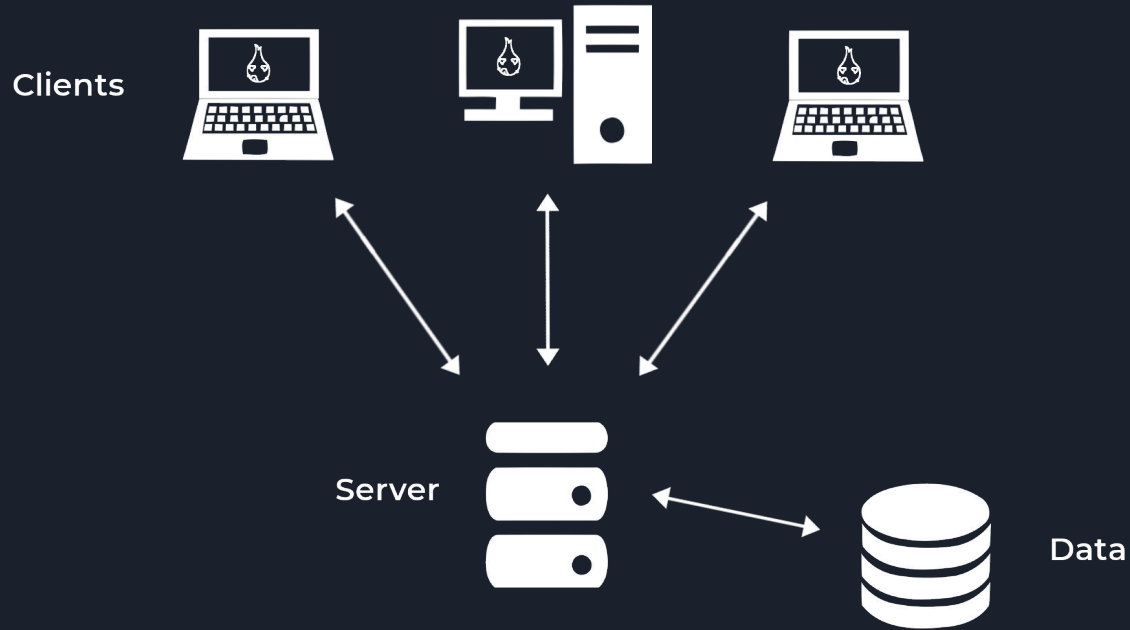
Logos, Images, Designs etc.

YumYum's Features:

Effort: (1 - 5)

- User registration
- User Login/Logout
- Create Recipes
- Share Recipes
- Include Videos/Images into recipes (YouTube)
- Export shopping list
- Filter recipes (ingredients, kind, difficulty, time)
- Database embedment
- Export Recipes (Offline availability)
- Mark recipes as favorites

- 2
- 1
- 3
- 2
- 1
- 5
- 4
- 3
- 4
- 1

GUI Design (mockup):

WebApp Architecture of YumYum:

Clients

Server

Data

Technologies:

- Web Client
  - HTML5
  - CSS
  - JavaScript
  - PHP
  - (maybe) Angular, Node.js

- Database:
  - MySQL

- HTML5 Technologies:
  - a
  - b
  - c

Group Member Responsibilities:

1. Richard:
   - 1.1. Administrative Tasks, Group Coordination, Development, Infrastructure Support (Dev. Server)

2. Corinna:
   - 2.1. Database Frontend, Development

3. Michael:
   - 3.1. Usability, Development

4. Jürgen:
   - 4.1. Designer, Development

5. Christina:
   - 5.1. Database Backend, Development

Timeline:

Milestones:

1. Web Client ready

2. Database setup

3. User Login working

4. Recipe interactions

5. Additional Features

6. Release

Dates:

1. 30.11.2020

2. 07.12.2020

3. 14.12.2020

4. 30.12.2020

5. 18.01.2021

6. 18.01.2021

Additional ideas (if there is time)

- Implement a Recipe/User Rating System
- Add a comment section to each recipe
- A pantry feature - where users can enter which ingredients they have at hand
- Write reviews (time + effort + difficulty) => use mean on recipes
- Create subgroups for recipes (e.g. Austrian food, Indian food, desserts …)
- Import recipes from competition.
- Recommender System
- …

Questions? - Feedback & Input

Idea OK?

Timeline OK?

Design OK?

Technologies OK?