Design of Mobile App

*You will submit a report that explains the* ***benefits*** *and* ***feasibility*** *of your mobile development project that will be executed throughout the semester. The report includes a* ***survey of related applications****,* ***design decisions****, and* ***storyboards****. <- Instructions from Lecture 1*

# Concept

Our app aims to help people to figure out what food is best at the shop they are eating at, or where to find a specific item of food. This specific search is missing within the current app context, with many services providing overall restaurant reviews, but never ranking the individual meals. We aim to fill this niche, giving users more information so that they can more easily decide where and what to eat.

# Storyboards

## Scenario 1 – “What to order at this store?”:

### Without FoodRadar:



### With FoodRadar:



## Scenario 2 – “Where to find a good burger?”:

### Without FoodRadar:



### With FoodRadar:



# Target Demographics

Live in urban are with many food options

Have disposable income

Tech literate & own mobile phone

Age range (check reference) – refer to demographics using related apps or research study as source

# Case Studies – Survey of Related Applications

**Oink[[1]](#footnote-1)**

Oink has the same idea, that we want to realize with FoodRadar, but the app oink no longer exists. It was shut down after just five months[[2]](#footnote-2). The founder was not happy with it.

**Yelp and TripAdvisor**

Yelp and TripAdvisor are one of the most famous websites for rating restaurants and other locations. Yelp is presenting the general rating, price and some more information so the customer can decide for a place that’s fits his needs. But both Apps/Websites are missing our key feature, they do not show the menu of a restaurant and so you also can not rate or see ratings to special dishes.

**OpenTable**

OpenTable is an Application, which allows the user to reserve a table at restaurants. Additionally, it shows also the menu to all the listed places and also ratings. But also here it is not possible to rate the dishes on the menu.

# Design Decisions

-refer to target demographics and case studies to justify approach

# Benefits

* May have already been covered in concept

# Feasibility

* Which apis and databases to use, tech details and current knowledge

The Application is using the Customers location to display nearby restaurants and filter the result by the user needs. the user gets the possibility to filter with the appropriate GUI by distance and price, but especially by dish.

The App is displaying just data from our cloud-based database. When the user rate a meal, he is just adding data to this database.

To fill the database, we will use the Zomato API[[3]](#footnote-3). This offers 1000 requests per day for free and can deliver lot of data for restaurants all over the world and provides also the menu for a lot of restaurants. This data will be combined with the data, which the community will provide.

1. https://www.youtube.com/watch?v=5xADESocujo [↑](#footnote-ref-1)
2. https://www.theverge.com/2012/3/14/2872172/oink-app-kevin-rose-shut-down [↑](#footnote-ref-2)
3. https://developers.zomato.com/documentation [↑](#footnote-ref-3)