

Project Name: Nnttawye

Group Name: Michelin

Group Members:

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Minimal product goals:

- Search nearby restaurants by using mature API, such as yelp API; Allow users to add favorite restaurants and foods.
- Let users add customize places and food if they can't find one on yelp.
- Based on users' preferences such as food price, nutritional value, etc to generate a week's menu, so that people save time in thinking what to eat next.
- Generate a custom report on users' money spent and their diet.

Stretch goals:

- Apple watch complications: Send notifications and visual reminders about the place and food.
- Using health kit API to record nutrition intake; Analyze the data, using hardcoded or external API to suggest a better meal plan; Generate chart based on health kit API.
- Cross-platform: The user-generated data can instantly show up among different Apple devices.
- Machine learning: When we have enough users, we will try to analyze users' spending and eating behavior in the same region by different ML models. Then share the users' interesting findings.
- Social platform sharing: Allow users to share their diet habits and.
- Achievement systems: Based on goals that users set, such as money spending, nutritional goal to pop up alert encourages users to stick to their plan. If they succeed, we will give them beautiful graphics with slogans they can share on social platforms. Potentially coupons that can use for their next meals.
- Get in touch with nearby restaurant owners, and allow our users to purchase their meal in App.

Projected timeline:

- 9.30

- Finish the final version of the project proposal.
- Start project report.
- 11.24
 - Start project video.
 - Finish the final version of the project (Basic app complete, stretch goals partially complete).
- 12.1
 - Finish the project video.
 - Finish project report.