Tasteful Panthers Requirements Document

Required Features/Behaviors

- Provide personalized recommendations

    - Tailored meal suggestions based on dietary restrictions and past food preferences

    - Ensure guests are aware of options by notifying them to check app upon arriving at PDH

- Review system for users to read and write them

    - Text reviews, images, star ratings

    - Notifications to remind users to review after a certain amount of time spent at PDH

- Contests & Leaderboards

    - Top Reviewer of the Week, reviewer with most liked reviews

    - Tomorrow's Prediction, predict what food item will have the best rating for tomorrow

- Staff View

    - Food with low ratings visible to staff

    - Flag active issues, remove flags when fixed by staff

Functional Requirements

- Use location services to choose times to recommend food

- Ability to log-in so users can use own student information

- Scrape menu website for available information on menu

- Meal prediction algorithm to provide meal suggestions

- Database to hold reviews and relevant information

Interface Requirements

- Log-in screen

- Working app user interface to allow users to use the application

Performance Requirements

- The app does not have any specific performance requirements, other than working at a reasonable speed, which should not be a big problem due to the non hardware-intensive technologies used