Burpien

Summary (2-3 sentences)

* A food ordering app. This app is meant to be used in places with food services such as a grocery store or a restaurant.

Description of Problem or Opportunity (2-4 sentences)

* This app is for solving the problem of cashier software not being flexible enough. This app is customizable to a degree and will not require the client to reach for the developers for changes in the look and feel(function) of the app. They could do the changes themselves.

Business Case (1-3 benefits, 1-2 costs, 1-4 alignment elements)

* If we ware payed $40/Hr./person, 6 hours a day, 3 days/week for 7 weeks of work, then, this app is going to cost
  + We may want to count in the order database costs. Database enclosures costs for 20tb of storage cost around $1,000.
  + We could find PCs to use as a cashier for around $400 ~$700
* strategic alignment (consistent with mission of the business – in this case our learning goals)

Project Scope (3-5 items)

this project scope covers only the app itself and nothing else. those excluded are:

* + the database management system (how the app access, inserts, modify, or sorts the data)
  + the controls the system supports (touch, bar code scanner, weight scale, or any other tools)

Approach and Deliverables (5-7 artifacts)

* The approach used for this project is to design and code all of the components with the exception of some useful libraries and the crucial ones such as JavaFX for the GUI.
* The first preview of this app should be completed by two weeks’ time from the start of the project and another two weeks for the second preview.

Assumptions, Constraints, Risks, and Opportunities (2-4 exposures)

Some risks that may affect the completion time of the project include:

* + Coronavirus or death of one or both developers
    - Other natural variables such as the weather.
  + The requirements changed greatly.
  + Some libraries could not be used for some uncontrollable reason.

Success Criteria / Measurable Objectives (3-4 objectives)

* The app has a user interface with the mentioned requirements
  + Has the items to be sold
  + Totals and other orders details
* App works even if it has some bugs.

Team (1-2 lines per team member)

* Wael Algamdi
  + Loves Java and has worked in many Java based projects.
  + Had experience with MySQL before
  + Will be handling mostly the business logic and little of the connections between the DB and the BL.
* Alan:
  + Three coding classes
  + Has experience with a similar cashier system.
  + Likes coding
  + Will be handling the User Interface and the connection between it and the BL