SENG 300 Iteration 3

Meeting #1 - April 3rd, 2pm

1. Discussed which code base to use
2. Added everyone to the github repository
3. Management Team: Sarthak
4. Design / Implementation Team: Dany, Grace, Kirk
5. Quality Assurance: Everyone
6. Presentation Team: Grace, Sarthak
7. Documentation Team: Kylie (structural), Mackenzie, Mathew Luong, Matt Jarrams, Joseph Lam
   a. Structural - 1 big general one, multiple for certain classes to explain in further detail
   b. Sequence - Show certain sequence of actions that are important like paying, scanning, attendant actions
   c. State Machine - Show states a transaction can be in when a customer is using the station, show the states an attendant can fix
8. Use cases will be divided equally, and each person will do their use case testing
   a. More will be assigned to the implementation team as opposed to the presentation and documentation
   b. Not finalized on exact roles yet (want to see how difficult/how much work is required for each first)

9. GUI: Zeyad, Mathew Luong, Nathan, Dany
   a. Deadline : April 13
      i. GUI Mockup: Zeyad
         1. Deadline: Tuesday, April 6
10. Use Cases: - Tentative deadline: April 8th
    a. Customer returns to adding items - Mackenzie
    b. Customer does not want to bag a scanned item - Kirk/Joseph
    c. Customer looks up product - Mathew Luong/Matt Jarrams
    d. Customer enters PLU code for a product - Kylie/Matt Jarrams
    e. Customer enters their membership card information - Kirk/Joseph
    f. Customer pays with gift card - Kylie
       i. Notes: Using paywithCard but add "Gift Card" issuer
    g. Customer removes purchased items from bagging area - Kirk
    h. Customer enters number of plastic bags used - Kirk
    i. Station detects that the weight in the bagging area does not conform to expectations- Mackenzie
    j. Station detects that the paper in a receipt printer is low. -Sarthak
    k. Station detects that the ink in a receipt printer is low. - Dany/Sarthak
    l. Attendant approves a weight discrepancy - Dany
    m. Attendant removes product from purchases - Dany
    n. Attendant looks up a product - Mathew Luong/Matt Jarrams
    o. Attendant adds paper to receipt printer - Dany/Sarthak

      p.   Attendant adds ink to receipt printer - Dany/Sarthak
      q.   Attendant blocks a station - Dany
      r.   Attendant empties the coin storage unit - Grace
      s.   Attendant empties the banknote storage unit - Grace
      t.   Attendant refills the coin dispenser - Grace
      u.   Attendant refills the banknote dispenser - Grace
      v.   Attendant logs in to their control console - Nathan/Matt Jarrams
      w.   Attendant logs out from their control console - Nathan/Matt Jarrams
      x.   Attendant starts up a station - Matt Jarrams
      y.   Attendant shuts down a station - Matt Jarrams

11. Everyone creates branches when working, and merges them as soon as they finish an important part of code.
12. Divided work efficiently
13. Made different channels in discord for better communication: GUI, design, documentation, presentation
14. Documentation team meet on Wednesday at 2PM
15. Made a poll for the next team meeting - Meet date: April 8th/9th

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Meeting #2 - April 10th, 4PM

GUI 40-50% done - Should be done by April 13th
Use cases left:
1. Customer returns to adding items
2. Customer does not want to bag a scanned item
3. Station detects that the paper in a receipt printer is low. - Sarthak
4. Attendant blocks a station

Presentation: Requirements are unclear so will focus on this after completion of iteration 3

Documentation:
Structural diagram is 80% done (Kylie)
- Need to add the last couple of ie GUI classes
- Double check when use cases are finished to add to Diagram

Two State diagrams are done (payment, high level)
Sequence diagrams
- Pay with coin (Joseph Lam) - Finished
    - Dispense change

- Pay banknotes (Joseph Lam) - WIP
    - Getting change

- Pay with card (Mathew Luong) - Finished

- Scan item (Mathew Luong)

- Bagging area (Mackenzie)- WIP
- Attendant logged in

State Diagrams (Matt Jarrams)
- High level external (Matt Jarrams) - Finished
- Payments (Matt Jarrams) - Finished
- Scan items(checking out items) (Mathew Luong) - WIP
- Bagging area/scale (Mackenzie)- WIP

Next meeting will be on Monday during tutorial time and then Wednesday will be submission day.

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Meeting #3 - April 12th, 2PM
GUI - 90% done
Use cases: All use cases have been finished
Documentation: 95% done, will be finished by tonight
Presentation: Still no update on the requirements

Discussed the overall project and decided to meet on Wednesday during tutorial time for final submission of the project.

Discussed explanation page to help Presentation Team and for diagram clarity.

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Meeting #4 - 14th April, 2021
GUI - 100% done, no bugs found
Use Cases - 100% done
Documentation - 100% done
Presentation - Decided details

Discussed about the test coverage and how to increase it

Presentation details:

Your group needs to produce three presentations (no more than 15 minutes each):

1. Demonstration of your tool. Show us how someone would accomplish the use cases.
2. Demonstration of your automated test suite. Show us that it runs, and that it achieves coverage.
3. Description of the design. Point out what is good and bad about it. (You learn more from your mistakes, so be honest.)

The tool and test demonstrations will count as part of your Iteration 3 grade. The design description will count as part of your Final Examination grade (this part is still group work, with the usual rules about participation).

Presentation notes for design:
https://docs.google.com/document/d/1IuWE5MJImnfe7pCThkUHdIM_mcgJUkPQJNTVr
HNcZa8/edit?usp=sharing

Presentation notes for Test suite:
https://docs.google.com/document/d/1JbnpI1DzWuNTYzR1Jo5qYxQF3FrzbOLbvuSXG
qXTOeA/edit?usp=sharing

Presentation Team: Sarthak, Grace, Zeyad

Use cases Presentation: Zeyad

Automated Test Suite: Sarthak

Design: Grace

Completed the final project and increased overall coverage. Finalised presentation details