Happy Harvest

SWE482-Engineering Capstone II

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## Establishing Communication for Meetings

Upon start of the project Jauhn Schneck and Benjamin Moore have already had various was to communicate that were established from the previous project these mediums included:

* + CTU Student Portal
    - Discussion Board
    - Live Chat
  + Text (SMS)
    - Jauhn Schneck: (719)304-4102
    - Benjamin Moore(757)802-2960
  + Email (emails)
    - Jauhn Schneck: Jauhn.schneck@student.ctuonline.edu
    - Benjamin Moore: Benjamin.moore57@student.ctuonline.edu

. They were able to establish these mediums to ensure they had more than one way to communicate properly. Upon the start of the project Jauhn and Benjamin established a two additional mediums to ensure they were able to share a live edition of the project code.

* + Skype (Skype Usernames)
    - Jauhn Schneck: Kilown
    - Benjamin Moore: benandsanj
  + GITHUB
    - <https://github.com/Kilown/SWE482>

The first new medium is Skype. Skype is a telecommunications application software product that specializes in providing video chat and voice calls between computers, tablets, mobile devices, the Xbox One console, and smart watches via the Internet and to regular telephones. This medium is currently in place due to the inability to communicate with the projects normal means. This referred means is offered by Colorado Technical University – Group Project area. This area currently is experiencing technical difficulties. Once this has been rectified the medium will be used but instead we will used the provided medium to ensure that our meetings are documented and recorded for future documentation and references.

The next medium is Github (github.com). Github is being used to ensure that both project developers are able to work on the project and track project changes. Github was suggested to be used as the group project as stated before is expecting technical difficulties. After integrating this medium to our project we deemed that this medium would be better suited for our project than what is recommended.

Upon establishing communication mediums the team was able to decide the method in which the project would be written. More importantly which programming language would be use. Upon discussion between the team the programming language was decided to be C# with the development environment being Visual Studio.

## Meeting Notes

During the first meeting for the team was able to establish the updated changes within the project and adjust the schedule to meet the needs of the project outline.

During this time we were able to review the project scope and edit by adding items that were missing.

### Missing items

* Use Case Diagram
* Class Diagram

### Changes

The team was able to review the project scope, Work Breakdown Structure (WBS) and the overall timeline. The team did notice that some revision of the project scope would be needed. Also edits were made in the project timeline. Editing the timeline also adjusted the WBS and we were able to remove an undefined requirement that was in the project scope.

Edits that were needed in the Project Scope included the removal of an unattainable requirement within the desired timeline. This removal was the ability to checkout with purchasing the items without having to go to the physical store. This requirement removal also meant that we were able to remove two of the Sprints (Sprint 5: cross platform universal language package and Sprint 6: Mobile Network Capability and Security Module). This adjustment also meant that the test cases also were required to be updated accordingly. Lastly this removal included the ability to remove requirement 3 (R3) within the project scope.

Changes within the WBS, Timeline, Requirements and Test Cases also changed the network Diagram and this change will be reflected within the new Project Scope.

One of the times that were not established is how the external document would be created to test some of the functionality. This functionality includes:

* ITEM SKU
* Name of Item
* Location (aisle)
* Location (Row)
  + Row 1: Top (above head)
  + Row 2: Chest Height
  + Row 3: Midsection Height
  + Row 4: Knee to ground
  + Excel Creation for items
* Price
* Coupon
  + Yes/No

This chart will be created in Microsoft Excel and will be just a medium to ensure that the application will be able to recall the items. This change established that the group would not be dependent on the creation or already created database with these items listed.