

Capstone 2 Project	Warehouse Management System	Giovanni Hasbun-Prinstein, Juliana Prankevicius, Megan Wee Tom
--------------------	-----------------------------	--

Chapter 3 - IN-DEPTH LIMITATIONS ANALYSIS

Wishlisting

As per the effect of the limitations hindering some progress of the product, there are objectives on wishlist for possible future groups to complete in task. Some of the non-implemented but wishlisted objectives range from simple additional forms to added complex features.

As it stands we are looking for a few more categorical forms with the same format of the invoice creation forms in mind, as well as individual forms with information management for each major table. These forms serve the purpose of better organizing the main menu into multiple categories and easing the user experience further through quality of life.

We also would like to implement better tables and better data that will more closely match the Product Owner's needs. The implementation of that data will be for different

Furthermore the team would like the implementation of communicating the data tables of the same source to the project management product created for the company simultaneously throughout the development process.

Last needed implementation will be roles. Accounts created through the database will need roles tied to each type of account that can interact with limited or unlimited database tables and menu icons.

1.1. Further Expansion of Forms

The team assesses that the best way to continue developing this application for ease of use is through creating more forms and more options for the user to navigate the program. We agree that an icon menu is far more important than a combo box but for times sake we settled on the current

Capstone 2 Project	Warehouse Management System	Giovanni Hasbun-Prinstein, Juliana Prankevicius, Megan Wee Tom
--------------------	-----------------------------	--

implemented combo box for categories. This implementation will have to be further developed and tested such that it won't have issues with the current code, platform, or general data sets.

1.2. Bettering Data

Implementation of a better database system is necessary. This is especially best done with a database in a cloud system with built in security. This security would be necessary as the company will withhold very sensitive information, requiring basic cyber security concepts and practices. Azure is best as the code currently implemented is in MSSQL queries.

1.3. API

Some form of API that can communicate through different applications to the tables would be necessary for the company's tracking system. This system allows the company to further detail and confirm/deny their deliveries and inventory with far more ease and allow the system to work organically for the best productivity results.

1.4. Roles

For our employee accounts (the intended user of the program), there needs to be a feature added to limit what accounts can do with certain rankings. PO Aydin Danaci has given us the roles that exist within the company and can be assessed through the UML diagram once a given team develops the UML diagram further.

Capstone 2 Project	Warehouse Management System	Giovanni Hasbun-Prinstein, Juliana Prankevicius, Megan Wee Tom
--------------------	-----------------------------	--

1.5. WISHLIST SUMMARY

1.5.1. Further Expansion of Forms

- Add forms for each given category as seen fit to ease the process of roles
- Add other forms as needed for pop-up prompts and possibly entering data/accessing data.

1.5.2. Bettering Data

- Azure is a valuable asset to any company as it provides easy security in its capacity to store a database in a cloud system with encryption.
- Add better tables and UML relationships between each table for all information given
- Continue developing data tables as necessary as well as columns using the MSSQL structure.

1.5.3. API

- Develop an API system to communicate between two projects to one dataset.
- Add the API based on roles together with the mentioned role set in 1.5.4

1.5.4. Roles

- Add account restrictions per employee type
- Add different functions per employee type
- Add different menu access per employee type