A.

B.

Our system was programed in C# Using the windows forms in visual studio. The system currently only runs on windows desktop computers. The information is currently stored in three text documents: reservables.txt, reservations.txt, and users.txt. The system currently only supports the main functionality and has a rudimentary GUI.

The functionality that the system currently supports includes administrators being able to manage reservables and users. It allows all users to check if a reservable is available for a specific time and duration, view and delete their current reservations. When managing reservables the administrator can create, delete, or edit reservables. When creating a computer reservable the admin can select what room to put it in. the admin can also move computers from one room to another. When managing users, the admin can create, edit, and delete users. The admin must supply the user type, name and email. The admin can also edit any of these fields for any user. When searching for reservations, only the reservables for that specific time appear (no browsing reservations).

The GUI currently is very basic. The reservables and users are only displayed by there ID number with no other information to signify what the object is. Reservations are displayed with basic information but not formatted well for user reference. The GUI is not resized or customized for different screens resolutions or window sizes.

Still needed (future improvements if we continued working on it)

Some ideas: check-in and checkout of reservables, students only being able to reserve computers, deleting reservables deletes reservations, browsing reservations, admin being able to manage all reservations, users being able to see currently in use reservables, GUI resizing, displaying more info besides just the id number for reservables and users , more feedback for user.

C.

D. Some ideas: finding times to meet, organizing workloads, people not knowing C# before starting this project