

Business Startup Game Scenario

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The Business Startup Game will allow players' to learn about the business world through an interactive map-based game. In this map-based game players will also explore the business world and start businesses with the power to distribute and manage money efficiently. This first scenario will describe what happens when a player first starts their journey in this new business world without encountering any characters.

A key feature of this game that will be a part of this scenario is the game map. The user will get parameters to set up the location of their business based on a real world map to ensure an authentic experience. Another key feature will allow the user to choose a business they are interested in to expand their knowledge.

Scenario "Build Your Own Business"

The player will start the game by typing the name of the executable program into the windows search bar or by double clicking the .jar file that will be generated for the game.

When the user first launches the program, the system displays an opening welcome screen, and will briefly describe the purpose and how to play the game. The full details will be available by clicking the "HELP" button on the main screen.

The game then attempts to open the map and reads in its contents. This will build the map. The GUI will then ask the user to enter a country. It will then ask the user to specify a location in the country by inputting a city or address. This will then build the game for the user. If there are any problems reading the city or address entered by the user, the program may ignore the city or address entered and display the closest location to what was given or abort, depending on the severity of the problem. Upon success the game "displays" the starting map by default.

The GUI will then accept commands from the user or the user may click buttons, which may be any of QUIT, EXIT, START, MANAGE BUSINESS, BUY PROPERTY, LOAD, SAVE, SELL PROPERTY, CHOOSE BUSINESS, RETRIEVE INFORMATION in any case or combination. Auto complete functionality may be added.

The START command should be followed by the CHOOSE BUSINESS button or command. There will be a dropdown to select multiple business options.

After the CHOOSE BUSINESS command the user should be able to have the option to BUY PROPERTY.

After the BUY PROPERTY command is finished the user will have the option to SELL PROPERTY or MANAGE BUSINESS, SAVE or LOAD data, and RETRIEVE INFORMATION.

When the user exits the game, either by typing or clicking EXIT or the X in the top right corner, then the program should print out the final “conclusion” screen (this will have information on what they learned about the geography of the world they generated) , and a thank you message for playing the game.

Figure 1 - Initial Business Startup Game Use Case Diagram

