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| Due Date: | Friday December 16, 12PM |
| Percentage of module mark: | 30% |
| Submission Details: | Your documentation must include this document with each section completed. |
| Late Penalty: | 20% deducted each day this assignment is late. |

## Project Phase 1

This is a design phase so your project does not need to be functional at the end of the week. Two more phases will take place in the new year when you will actually build the project.

Design something that is commercially sustainable which interests your group. Only offer ideas that you do not mind sharing with your group. Your site must allow at least two types of users and its viability cannot rely on ad revenue. Do not make:

* A job board.
* A career portfolio hub for job seekers or employers seeking employees.

## Design Phase Restrictions

Please do not:

* add edmx files to your project. (Azure’s free tier will only permit code first – we will discuss this on Wednesday)
* use the account generation wizard to create login and registration pages.

## Model Compatibility

Ensure your design models are compatible with each other and be careful not to over scope your project.

## Functional Requirements

Provide a current listing of functional requirements under essential, important, and nice-to-have categories. Please do this on one page - find a way to keep this listing organized and easy to read. 3 marks

Please show your functional requirements here:

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| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | Admin | Employee | Customer | Generic |  | | Essential | Full Customers CRUD | Full CRUD Customers | CRU themselves | All people stored in the same table separated by Role |  | |  | Full Employee CRUD | RU Themselves | Can sign-up, log on and place orders | we are the producer and sell to distributors |  | |  | Full Product CRUD | RU Products |  |  |  | |  | Manage Inventory | Can search invoices by number |  |  |  | |  |  | Manage Inventory |  |  |  | |  |  | Can search customers by ID |  |  |  | |  |  |  |  |  |  | | Important | Can search invoices by number | Can search invoices by number | Can delete/suspend their own account | Invoices created upon purchase |  | |  | Can search customers by ID | Can search customers by ID |  |  |  | |  | Can search customer’s pervious purchases | Can search customer’s pervious purchases | View purchase orders |  |  | |  | Can search invoices by Customer | Can search invoices by Customer |  |  |  | |  |  |  |  |  |  | | Nice to Have |  |  | Customers have multiple levels of contact |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |

## Use Case Diagram

Please provide a current Use case diagram screenshot below: 5 marks

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## Wireframe

For phase 1 you are not required to use live data. Your submission does not require live data.

Create an empty MVC project with a main layout page to store the tags that are shared by all pages. Add your GUI. The logic contained in the project will be incomplete but the GUI should represent the complete system for each type of user.

Do not waste time making graphics, fancy CSS, or javascript in this phase. Stay focused on page layout for link navigation, control alignment and position, and static realistic looking data content. (Do not use ‘lorem ipsum’ or data that has no meaning such as ‘asdf’ for the address. Do not create overly silly data such as user accounts for ‘Barrack Obama’ or ‘Mickey Mouse’ – this does not look professional.)

Controls do not have to work but project stakeholders should be able to navigate through the page links to understand the site flow.

Create different versions of the site prototype for each type of user to show what each user type sees while navigating through the options that are available to them. 8 marks

Use proper alignment, sizing, and spacing. 5 marks

Your team must work with one project on GitHub. Please see the GitHub cheatsheet for a refresher on how to use this tool for sharing source code. Include a link to your wireframe hosted on Azure here:

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| --- |
| Simply First Drones  <http://simplyfirst.azurewebsites.net/> |

## Twitter Bootstrap

Use Twitter Bootstrap. Implement a mobile responsive navbar which collapses in mobile view. 2 marks

## ERD

Show a screenshot of your ERD here. Please make it look professional in addition to ensuring it is relationally correct. 8 marks

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## LINQ Library

If you have time you can start writing the LINQ library. From past experience though, most teams would be better off to really polish their design and to ensure that all models are compatible with each other. No extra marks will be given for the creation of a LINQ library during this phase.

No marks

## GitHub

Before 4PM of Wednesday Dec 14 ensure that:

* Your source code is managed on GitHub with the help of Visual Studio Team Explorer.
* All team members are added as collaborators.
* I am also added to your repository as a collaborator. You can use "pmcgeebcit".
* Each team member has checked in at least one change to GitHub through Visual Studio Team Explorer.

From Wedesday onwards the repository should show significant continuous activity is logged in the history of the team repository. 7 marks

Include the repository location here. Also list each team member’s actual name and include their github name beside it:

|  |
| --- |
| Github repository location <https://github.com/gurkiratbola/Simply_First.git> Team members [imcousin](https://github.com/imcousin)- Cusson  [asfandyt](https://github.com/asfandyt)- Asfand  [tylerblair](https://github.com/tylerblair)-Tyler  [gurkiratbola](https://github.com/gurkiratbola)-Gurkirat |

Please remember:

* Commit your changes in frequently and get fresh builds from GitHub frequently.
* Start every new coding session with a fresh build.
* In addition to storing your code on github store it locally on your machine as a backup. To do this delete the git folder and place your project in a time stamped folder like 2016\_1212\_1352\_myproj. Then zip it.