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| Due Date: | Friday December 15, 12PM |
| Percentage of module mark: | 30% |
| Submission Details: | Your documentation must include this document with each section completed. Submit this to the dropbox (Please read the document) |
| Late Penalty: | 20% deducted each day this assignment is late. |

## Teams

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Power Rangers** | **Team Canada** | **Innocent Angels** | **The Partyers** | **Wild Weasels** |
| Metkel | Lin | Mina | Ben | Vitorrio |
| Khoa | Duncan | Kevin | Arelene | Karl |
| Clayton | Cha | Will | Armaan | Edgar |
| Jan | Liam | Tom | Jerry | Daniel |
|  |  | Michael |  |  |

## Project Phase 1

This is a design phase so your project does not need to be functional at the end of it. 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 not allow it.

## 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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| **Essential Requirements**   * Calendar view of the current month on home page (main panel) * Lets users create/read/update account (username, email, password) * Lets users select the account type: professors and students. * Lets professors create/search/read/update calendars for courses. * Lets professors add/update/delete events for relevant calendars they created. * Lets professors generate an access code on calendar create for other users to view the calendar. * Lets students create one personalized calendar. * Lets students add events to their personal calendar. * Lets students subscribe/read a calendar view via an access code. * Lets users view a list of their personal/subscribed calendars on home page. * Lets users select which calendar(s) to display on the main panel. * Lets users view past and future months of the calendar.   **Important**   * Lets users click and drag events on the main panel. * Lets users toggle between different views (daily/weekly/monthly) * Lets professors archive calendar courses * Lets students archive calendars (personal & courses) * Lets users deactivate their accounts * Lets each calendars and events have associated color codes.   **Nice-to-Have**   * Sync Reminders * Subscription to Pro version (unlimited personal calendars, fonts, themes) * Side Menu Bar: To-do List (Daily/Weekly/Monthly) * Lets users edit wallpaper and theme * Lets guest users view a calendar with a granted access code |

## Use Case Diagram (Essentials Only)

Please provide a current Use case diagram for essential features only screenshot below: 5 marks

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## Wireframe (Essentials Only)

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

Build the shell wireframe first with all pages using ASP.NET Core MVC web pages and layouts. (You can embed screenshots and static data to get this task done fast) Start adding functionality only after the wireframe has been completed.

Create an empty MVC ASP.NET Core 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 essentials-only 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. Include a link to your wireframe hosted on Azure here (details are to be provided):

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## Twitter Bootstrap

Use Twitter Bootstrap. I recommend using the Twitter Bootstrap shell provided with the ASP.NET Core MVC web application project.

## ERD (Essentials Only)

Show a screenshot of your ERD here. Please make it look professional in addition to ensuring it is relationally correct. Diving into Code First before making an ERD is not recommended.

8 marks

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## GitHub

Before December 15 ensure that:

* Your project 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 the second project day 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:

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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 inside your local project folder to remove it from GitHub. Then place your project in a time stamped folder like 2017\_1212\_1352\_myproj. Then zip it.

## Resolving Disputes

Sometimes your team may have disagreements. This is not unusual – but always be positive, professional and respectful. It is great if the team can work things out and that is the preferred route. When the team is deadlocked on an issue, if the team agrees to it you can call me over to make the final choice.