Theme and Features

Main Theme

The main theme of this project is to create an interactive web application using C# and a MVC architecture that will be for a Minecraft inventory tracker to view resources and tools, and interacting with a database that holds extra data.

Technologies

C-Sharp	.NET Core	GitHub	HTML 5	CSS 3

Brand and Logo

invento

Invento is specified Minecraft inventory tracker for those crafter enthusiasts, who want to bring their game to another level.

Essential Features

- Should serve dynamic and static HTML content.
- Should have the necessary media to form the web application.
- Must have legally sourced artwork for the various web pages.
- Should have a web server serving the HTML pages.
- Have a web interface to interact with the database.
- Dynamically update the pages based on database content.
- Show a players inventory, the type and number of items.
- Have data structures that represent different recipes and use this information to tell the player which recipes they can use.

Polish Features

- Implement a uniform unique UI style and design
- Micro Animations
- Make use of the 3D Illustrations for imagery
- Make use of the Gestalt Principles in the design
- Make use of a specific colour palette that fits the theme
- Page transitions animations
- Add more recipes than the basic with artwork
- Adding extra screens in to enhance the application

Nice-to-have & Future Features

- Improve on the web application's performance
- Develop a mobile version of the web application
- Have a secure log in and sign up system
- Login, Sign up with Google
- Link the web app to the Minecraft application
- Pop up notifications
- Refactor the server side code in C#
- Integrate the feature to view friends inventories.