Your Name: Olaoluwa Anthony-Egorp

Name of the Framework(s), and names of any APIs or other technologies: .NET Core MVC (Authorization and Authentication)

Database technology (If the data is relational, must be a SQL database, no Firebase, no NoSQL): SQL Server

The Functionality Chart from the Capstone Proposal, that includes a column that indicates how the functionality will be developed (framework, API, “developed by me”). If the framework/API provides part of the functionality and you will be developing other functionality, please provide details.

Functionality Chart

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Feature | Regular User (role 1) | Technical Admin (role 2) | Premium User (Role 3) | Manager (Role 4) | Framework, API |
| CRUD on tickers to add/remove in watchlist(main collection) | x | x | x | x | “Developed by me” |
| Search/filters on tickers to add to watchlist | x | x | x | x | “Developed by me” |
| Upgrade to premium user or downgrade to regular user) | x |  | x |  | “Developed by me” |
| Messaging system (messages between different users) | x | x | x | x | Signal R - ChatRoom Feature |
| Update Personal Watchlist | x | x | x | x | “Developed by me” |
| Delete Personal Watchlist | x | x | x | x | “Developed by me” |
| Update other user watchlists |  | x |  | x | “Developed by me” |
| Delete other user’s watchlists |  | x |  | x | “Developed by me” |
| Create/Delete/Update Personal Discussion Forum |  | x | x | x | “Developed by me” |
| Create/Delete/Update Other Discussion Forum |  | x |  | x | “Developed by me” |
| Add new features to forum |  |  |  | x | “Developed by me” |
| Make changes to the web app in any way |  |  |  | x | “Developed by me” |
| Make changes to account | x | x | x | x | “Developed by me” |
| Reports and filters  -yearly volume  -high volatility  -stock price increasing over time | x | x | x | x | “Developed by me” |
| Create data tables for different metrics on app |  |  |  | X | “Developed by me” |