

Week 7

Name: Muhammad Farhan KT

Mobile: 8113047151

Personal Development Workouts

1. Watch the movie "Coach Carter"

Film Review - 'Coach Carter'

"Coach Carter" is a 2005 film based on a true story about Ken Carter, a high school basketball coach who prioritizes education over athletics. The film features powerful performances, particularly by Samuel L. Jackson as Coach Carter, and highlights the importance of discipline and hard work. The film's message of putting academics before sports is relevant and inspiring, making "Coach Carter" a must-watch for sports and non-sports fans alike.

The film features strong performances from its cast, particularly Samuel L. Jackson as Coach Carter, who brings a commanding presence to the role. The supporting cast also does a good job of rounding out the story and providing depth to the film's themes. The film's portrayal of high school basketball games is also well done, with tense and exciting on-court action that keeps the audience engaged.

Overall, "Coach Carter" is a well-made sports drama that is both entertaining and thought-provoking. Its powerful performances, engaging storyline, and relevant themes make it a must-watch for sports and non-sports fans alike.

Link to the folder containing your audio summary :

[hare_link/](https://drive.google.com/file/d/1Fw9jHLisrmRTvY_r74sO5OAB9Cp2Eipp/view?usp=s)

Technical Workouts

1. This week you are going to start your first project. You are advised to search and find a complete project tutorial in your domain. Complete the tutorial by the end of this week and prepare a presentation on it. Your presentation should explain what you are going to do in the upcoming weeks.
 - a. NB: Candidates are advised not to start coding. This week is for project planning only. Please finish watching the tutorial carefully and plan your project and presentation accordingly
2. Divide your project into modules.
3. Prepare API documentation for your project.
4. Prototype your complete project using any prototyping tool such as “Figma”.
5. Prepare Database design for your project.

NFT Arena - E- Commerce Project

In this task I chose an e-commerce website for purchasing Non Fungible Tokens (NFTs). In this site everyone can easily purchase Non Fungible Tokens. And I've gone through many tutorials for getting an idea about my project. So that I got some idea about my project. How to do where to start. And also I want to include some of my own ideas into my project. I used the Figma tool to create designs for my website. And I've learned to make MVC architecture for project.

Project tutorial links : https://www.youtube.com/watch?v=2bjVWclBD_s/
<https://www.youtube.com/watch?v=pbqpKrz2XLU/>
<https://www.youtube.com/watch?v=fJIiqeevqoU>
<https://www.youtube.com/watch?v=x3eRXeMB-4k/>

NFT Arena - Project Modules

Dividing my project into a different module that's will be giving an idea about how to make a project step by step. I divided it into nine modules. So this task helps us to include our own creativity in our projects. Step by step process really helpful for my project. Because we will get an idea About our project scheduling into different stages. And also really helpful in completing the Out project on time.

Link to the document containing your list of modules :

<https://docs.google.com/document/d/1s5SqEtAOt9xr0WHMyZNKDgRYYzsNInMdJXvqY5dihTM/edit?usp=sharing/>

API Documentation

In this task I learned about API documentation. So API documentation is a structure of the Project. API documentation is the detailed collection of how our project works. We can make our project unique using api documentation. And also we will get an Idea about the status code routing. So this api documentation is the blueprint of the project. And also this documentation really helpful in making our project easier. Because of the Predefined routing and errors in required situations. Also, we can add our own creativity to our project.

NFT Arena - API Specification Document :

<https://docs.google.com/document/d/193uJbr7SFa7PZpJWPRJ-G33uACPT2pTagENEf8CrMlo/edit?usp=sharing/>

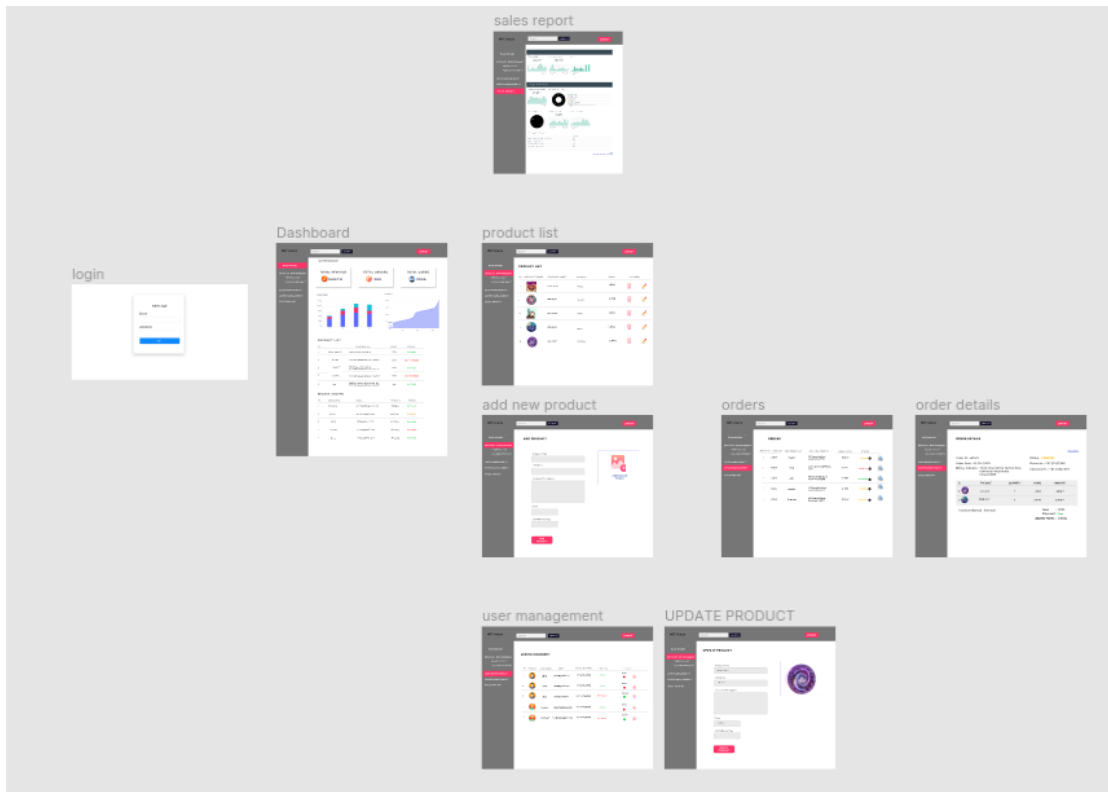
NFT Arena - Prototyping Using Figma

I developed a prototype for my project 'Non Fungible Tokens' site using Figma's Web Application. Figma didn't have a Linux application. That's why I used web Application. Using a prototype is a good thing to get an idea about the user interface and the including datas and the map of the project. If a user explores our site , we can decide on our project's. Own

creativity and user-friendly. And also I tried some different ideas in my project using some interesting tools like animations. So this prototype helps us to get a clear idea about our project.

Figma prototype link :

[https://www.figma.com/proto/UTpxtR9iMzhjPab9Mx6tHC/Project---Hekto-\(An-Ecommerce-Ui-Kit\)-\(Community\)?node-id=87%3A622&scaling=min-zoom&page-id=1%3A38/](https://www.figma.com/proto/UTpxtR9iMzhjPab9Mx6tHC/Project---Hekto-(An-Ecommerce-Ui-Kit)-(Community)?node-id=87%3A622&scaling=min-zoom&page-id=1%3A38/)



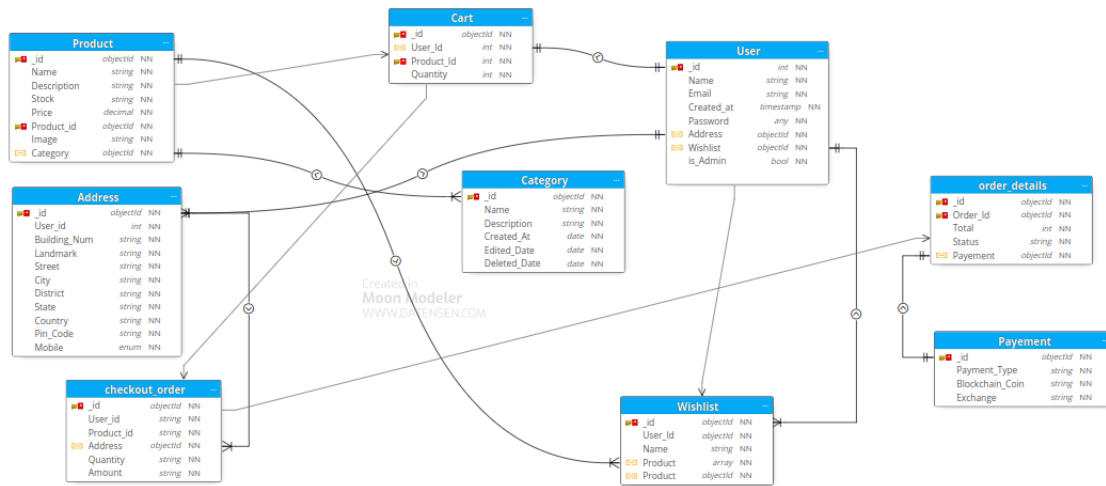
Database Modelling

I created a Non Relational database model using the **Moon Modeler** application which is available for Linux. In this task also we will get an idea about the relation or I can say the connection between the data. I chose MongoDB as my database. Actually, we are dividing our datas or connecting Datas into different collections. So the collections of data is

interconnected when we are required. Data modeling is the process of creating a visual representation of either a whole information system or parts of it to communicate connections between data points and structures.

Link to your database design document :

https://drive.google.com/file/d/1j8gKRudT6SPLe5YGGIL1juyhSyeDO8SF/view?usp=share_link/



Miscellaneous Workouts

1. Practice typing for at least one hour each day. Finish as many chapters as possible as you can. Don't spend more than an hour each day.
2. Prepare a topic for the tech seminar. Record and upload it on youtube as an unlisted video.
3. Conduct a Feedback session by the end of this week.
4. Prepare your progress video for the last week. Record and upload it on youtube as an unlisted video.

Typing Practice

I've reached level 350 in the typing club. I've spent a around five minutes each day typing. My average WPM (Words Per Minute) has increased to 45 and typing accuracy is 97%. This is because while typing numbers in the upper row it's quite challenging. Gradually developing typing fast in the upper row. mixed typing of Upper case, lowercase and number lea-ds to less typing speed. Typing helps me to avoid common typing mistakes, such as typos and misused punctuation, which can cause problems in code. Overall, keyboard typing practice can be a valuable investment for me to become a good coder.



Seminar Video - Non Fungible Tokens (NFTs)

NFTs are unique digital items that are stored on a computer network called blockchain. This means that they can show who owns a digital piece of content, like a work of art or a song. Before NFTs, it was hard to know if a digital item was real or not, but now NFTs make it possible. They can be bought and sold, just like physical items, and can help artists and musicians make money from their work. However, NFTs can be expensive and complicated, and their use can harm the environment. Nevertheless, NFTs are an exciting and growing field that may change the way we think about digital ownership.

Link to your seminar video : <https://youtu.be/Ry3YRh2SqVo/>

Feedback session notes :

<https://docs.google.com/document/d/1-Xbq66kY-rPL6IqUcmI8CxMI6nM4C7yBvfh5dw2ORpo/edit?usp=sharing/>

Progress Video - Week 7

In this week 7 I've learned about the API documentation and the Figma tool for creating database design for getting an idea about every route design. Then the database connection also will get with the making of the database design. So this week, I learned How to make a project in the proper way and the steps of the project. Then the communication session also we are done with some special kinds of activities. This has also helped to improve my communication skill. Then my typing skill also improved comparatively last week. And my presentation skill also improved because of the tech seminar and progress video.

Link to progress video : <https://youtu.be/ixYqbsbYQzE/>