**Week 7**

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| **First project explanation Audio** |
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| 1. Listen this audio before you going to start your First Project   [First Project Explanation Audio](https://drive.google.com/file/d/13pxDFChAblWYwmt0vihj4pU9tAKHMSDU/view) |

| **Personal Development Workouts** |
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| 1. Watch the movie “Coach Carter” |
| *Write a short description about this task "Coach Carter" is a sports film that depicts the story of a coach who is trying hard to get his team to win. This film is the actual story of Ken Carter who is a high school coach. This movie shows how the coach makes some changes to make his team the best. In this film, we can see a lot of changes the coach is making to get the best out of his team. This is a good film that tells us how a pressure situation will help us to achieve more.*  *Link to the folder containing your audio summary* [*https://drive.google.com/file/d/1t1HbtC4VnRSSUVctSlqc8iqmod0lMi6K/view?usp=sharing*](https://drive.google.com/file/d/1t1HbtC4VnRSSUVctSlqc8iqmod0lMi6K/view?usp=sharing) |

| **Technical Workouts** |
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| 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.    1. 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.   [Module List Sample](https://docs.google.com/document/d/10VHp_yp59n8-RrYZxMufXby0fuv48Z05roNQpN6O14I/edit?usp=sharing)   1. Prepare API documentation for your project.   [API Specification Document Sample](https://docs.google.com/document/d/1rVftFjUdIGf9l7gMChbpFttohB_oxFASBKF3H7MJMTE/edit?usp=sharing)   1. Prototype your complete project using any prototyping tool such as “Figma”. 2. Prepare Database design for your project. |
| *Write a short description about this task  This week we had to plan for the project. I selected my project as an e-commerce website. In my project, I only selected menswear. It is for this reason that I like to start my own clothing company so I the hope that the knowledge I will get when I complete my first project will be beneficial to me*  *Link to your complete project tutorial* [#nodejs Build Complete E-Commerce Web #api - Introduction](https://www.youtube.com/watch?v=hPv9QwvliEM&list=PLzb46hGUzitBp584kLyn6l3i6yC-rXlmN&index=1) |
| *Write a short description about this task  Creating modules was a new experience for me because I hadn't done anything like this before. Module planning is proposing what are the additional functionalities we are adding to our project. This should address all the main things that make our project very efficient. While creating this it should mention the modularity, scalability, reusability, and collaboration of our project.*  *Link to the document containing your list of modules*  [Funky.com \_Module List (1).pdf](https://drive.google.com/file/d/1eJGcM5Ly29sH2QRc7kGse-UUm7EdYA01/view?usp=sharing) |
| *Write a short description about this task  Application Programming Interfaces are a set of rules and protocols for building and interacting with web applications. The main purpose of this documentation is to get familiar with what the end points should be there in our project. Once we fix all these things it will be beneficial when we start working on our project.*  *Link to the api document of your project* [funky.com \_API specification.docx.pdf](https://drive.google.com/file/d/16KvClTK_hwyzEMGYRmPoWvLxfpXVVgda/view?usp=sharing) |
| *Write a short description about this task*  *Prototyping my first project didn't feel that much professional because I am not a good designer. Even though I am bad at designing I managed to design a good prototype. For prototyping, I used the tool "Figma". Working on Figma was a great experience and I would it is very easy to learn Figma. I believe that the design came out very well.*  *Link to the prototype* [*https://www.figma.com/file/1dpXm3vaQzNUVg29mdGZyA/Funky.com?type=design&node-id=0%3A1&mode=design&t=LrrB80CbYIq3Dufy-1*](https://www.figma.com/file/1dpXm3vaQzNUVg29mdGZyA/Funky.com?type=design&node-id=0%3A1&mode=design&t=LrrB80CbYIq3Dufy-1) |
| *Write a short description about this task*  *The database is an essential part of an e-commerce website. Designing the database didn't feel very difficult because, in the last week, we learned how to create a user model and schema. Doing those things gave me an idea about how to design a database and what data should be there. I designed my database using a code planner. It is an online tool and it's a great one too.*    *Link to your database design document* [*https://app.codeplanner.co/projects/65826bca5e644605f0195237/databases/65826bfb5e644605f0195241*](https://app.codeplanner.co/projects/65826bca5e644605f0195237/databases/65826bfb5e644605f0195241) |

| **Miscellaneous Workouts** |
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| 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. |
| *Write a short description about this task  Typing is a great skill to possess. This week I didn't do that much typing because of the reason that I didn't feel well. But while I was typing for the manifest I tried to follow touch typing. Now I have the confidence to type without looking at the keyboard. I will try to improve more.*  *Link to screenshot image* [week7.png](https://drive.google.com/file/d/1AF1qHTimldXU9umJ8S77feB7xcREGfgn/view?usp=sharing) |
| *Write a short description about this task This week I took a seminar on the topic "Fog Computing”.Fog computing, a paradigm emerging from the limitations of traditional cloud computing, brings data processing closer to the edge of the network. By leveraging localized servers and devices, it enhances real-time capabilities for applications like IoT and smart cities. This innovative approach reduces latency and optimizes performance, transforming the landscape of computing.*  *Link to your seminar video* [*https://www.youtube.com/watch?v=a5jWLZoZr1U*](https://www.youtube.com/watch?v=a5jWLZoZr1U) |
| *Link to the document containing notes for your feedback session* [Feedback session (5) (1) (1).pdf](https://drive.google.com/file/d/1U_AExodoD_ChcRLdohMMBZXGaExCRed2/view?usp=sharing) |
| *Write a short description about this task  This week I felt more comfortable taking the video. Last time I was inhibited to appear in front of a camera and talk to it but this time it changed and I felt like I was improving a lot. The thing that makes me exiting is that even though we are on a hectic schedule it gives us a lot of insights on how to manage our time and get work done.*  *Link to your progress video* [*https://www.youtube.com/watch?v=Yen8AlNG\_bo*](https://www.youtube.com/watch?v=Yen8AlNG_bo) |