**Week 7**

**Name:**

**Mobile:**

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| **Week Three explanation Audio** |
| 1. Listen this audio before you going to start your Third week   [Week Three Explanation Audio](https://drive.google.com/file/d/1a_3ocigNh-Jtd0TnXpbYNzDEpRdjdBgG/view) |

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| **Personal Development Workouts** |
| 1. Watch the movie “Coach Carter” |
| The ‘Coach Carter’ is a movie based on the true story of Ken Carter, played by Samuel L. Jackson, who takes on the role of a high school basketball coach in Richmond, California. Carter becomes known for his unconventional coaching methods, emphasizing discipline, academic achievement, and character development over mere athletic success. "Coach Carter" explores themes of education, responsibility, and the impact of a strong mentor on the lives of young individuals. The film delivers a powerful message about the importance of values and academics in conjunction with sports, highlighting the transformative potential of a dedicated coach in the lives of his players.  [*audio summary*](https://drive.google.com/file/d/1I0M8loxN53_M3dCUFq6Gfirf82OooRrL/view?usp=drive_link) |

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| **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.    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. Refer to some existing websites related to your project and submit the research video.    3. Compare different third party apps like razorpay, paypal etc. 2. Divide your project into modules. 3. Prepare a dated timeline in the module list. 4. Prepare API documentation for your project using postman. 5. Prototype your complete project using any prototyping tool such as “Figma” or XD. 6. Choose admin and user template, do the cleanup and design the database accordingly. 7. Learn basic Git concepts like add, commit, pull, push, stash. |
| This task is about finding a good tutorial for a complete project using mongodb, expressjs, nodejs and html, css and ejs. There are many tutorials available but I found a video from channel ‘geeks’ explaining the making completely and also, I referred many web blogs about Razor pay and paypal. Both are payment gateway which allows as to link with net banking, upi payment etc within our website. Razor pay is mostly based on Indian and Asia based countries which uses payment methods like UPI, wallet etc while Paypal is a worldwide operated gateway.  [*tutorials*](https://www.youtube.com/playlist?list=PLjwm_8O3suyM_2Lo9aAIw3HqjOPor8j9g) |
| This task is to divide the project into modules. It helped me to work with a clear idea about different section of my project and it also simplifies the confusion that happens while coding. Also, it helped me reduce my workload into every part at every time.  [*module list*](https://docs.google.com/document/d/1SjEhmE7OB_hyqxDtOQSJPv9a34vx65el/edit?usp=drive_link&ouid=109737401544100478283&rtpof=true&sd=true) |
| *Write a short description about this task*  This task is to set a timeline for developing my first project. It helped me to order my development stages. I arranged different modules to complete one by one within the mentioned date. I think that it will give me a push to complete all my work on time. Also, it helped me to reduce my stress on relying on different modules rather than into a complete code   |  |  |  | | --- | --- | --- | | *Serial No.* | *Modules* | *Date* | | *1* | *Module 1-Admin Home,*  *Module 2 – User Home* | *6 – 01 -2024* | | *2* | *Module 3 – Admin Product Management,*  *Module 4 – Admin Category Management* | *13– 01 -2024* | | *3* | *Module 5– User Product,*  *Module 6 – Admin Banner/Coupon/Offer Management,*  *Module 7 – Admin User Management,*  *Module 8 – User Profile,*  *Module 9 – Admin Order and Payment,*  *Module 10 – User Order and Payment,*  *Module 11 – Sales Report* | *20 – 1 -2024* | |
| This task is to build an api documentation of my website. It includes all the url that I am going to use in my website. Also, it contains how the data interchange happens between my website and how can I maintain its structure. It also contains a structured details of both admin side and user side details. I build the api documentation using the application called Postman. It is a beginner-friendly application from which I can build and publish my documentation details.  [*postman*](https://winter-rocket-366361.postman.co/workspace/foot-fushion~022105fd-e7ec-48c6-92c2-2a27776956c1/collection/32035592-67b13a10-2be2-4d35-8d7b-afa457c0e32c) |
| This task was to make a design and prototype of my website. It is made using a tool called figma. Figma enables us to design our website very beautifully and efficiently. Prototype feature in figma enables us to connect different pages of our website similar to its functioning like enabling click, hover and ither events within webpages and connecting each other using lines. It also has a wide-ranging options to customize and design our website in a creative way.[*figma*](https://www.figma.com/file/wrVoWd3Zm1PnDbw20pHkoJ/footfusion?type=design&node-id=0-1&mode=design&t=MFV7bNlcPAiU2PcL-0) |
| This task was to develop a database design of my website which contains all the collections involved in making up my website. I developed my design using an application called Moon Modeler. It is application which is made mainly for creating ER diagrams for mongodb and mongoose. It helped me to develop all the collections that are essential in my website. Database design of my website give an idea about how data is distributed an connected over the database within my website*.*  [*foot fushion db*](https://drive.google.com/file/d/1quKnFxUjSwlALG5Nf_o4TlOKKKlwbFEc/view?usp=drive_link) |
| Git is a distributed version control system used for software development to manage and track changes in source code. There are many commands in git which includes init, pull, push, stash, commit, add etc. ‘Add’ command adds changes in the working directory to the staging area. This prepares the changes to be committed. ‘Commit’ command records the changes made to the files in the repository. The commit message should be descriptive of the changes. ‘Push’ command is used to push the committed changes to a remote repository. This is typically used to share changes with others. ‘Pull’ command fetches changes from a remote repository and merges them into the current branch. ‘Stash’ command is used to save changes that are not ready to be committed yet, allowing us to switch branches or perform other operations without committing incomplete work. |

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| **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 task is improving my speed and accuracy in typing and it is also interesting for me as it is like a game. I have reached level 1 in the game.  [*typing ss*](https://drive.google.com/file/d/13BM9yvKoBc7RSSCmmLXx96wMejVvWNlz/view?usp=drive_link) |
| This task is to take a seminar and my topic is Frontend Routing in React : Navigating Seamlessly in MERN application. .In the dynamic landscape of MERN development,the ability to navigate seamlessly on the frontend is paramount.In this seminar we explore how React Router empowers developers to craft intuitive and fluid navigation experiences, enhancing user interaction and satisfaction. From declarative routing to dynamic and nested routes.  [*seminar video*](https://youtu.be/f00bhW_gAy8) |
| [*feedback week 7*](https://docs.google.com/document/d/1iJx_aUN1Nqz6P4n902BcDaT4325362rL/edit?usp=drive_link&ouid=109737401544100478283&rtpof=true&sd=true) |
| This is my 7th week. It is the starting of my first project. This week was the project planning week in which I choose to make a e-commerce website based on the online shopping of shoes . This week is to develop a design of my website and make a prototype of it. It was really interesting for me to design a colorful interface for my website. Also, I am supposed to build a database design of my website which should include all the collections that I should use in my website to store data. Also, I made an API documentation of my website which includes all the URL that I will use in my website. Also, I divided my project into different modules for clear and efficient understanding and development of my application  [*progressive review*](https://youtu.be/badrTMVrPiw) |