SIWES LOGBOOK FILLED

Week 1

Monday	Orientation: The CBC EMEA Chairman introduced me to the company at the devotion ground. The Human Capital Manager (HCM) then took me around to see the top executives in CBC. Meeting at Gedu Subsidiary: We had a meeting concerning the current clients and problems that could be solved.
Tuesday	I was assigned the task of completing the JavaScript Data Structures and Algorithms course on freeCodeCamp to align with the technology stack used. I finished the first module and learned introductory JS, encompassing variables, conditional statements, loops, and others.
Wednesday	Project Development: Contributed to developing an Event Inventory System facilitating inventory taking and management in events by implementing repository and specification pattern on the application backend.
Thursday	Gedu subsidiary meeting: Learnt about consultative selling and the conventional product selling. Listened to a client's application requirements and made deliberations on them as a team.

WEEK 1

Monday	Onboarding Day 1: It was my first day at Quidax and we were formally welcomed and introduced to the company. We had our first onboarding session and were enlightened on Quidax's vision and mission, core values, and the products they offer. I had a session with my supervisor on the Engineering team. He told me my expected behaviour working on the team. We rounded off the day with a session teaching us about the brand voice at the company and our expected mode of communication. I learned a lot about Quidax, particularly how they make their profits.
Tuesday	Onboarding Day 2: It was my first day at the office. I got to meet with Consigliere and had a session with her enlightening us interns on the Company's policies and processes. I continued with my freeCodeCamp Course learning HTML by building a Cat Photo Application. Had a mentorship session with the CEO.
Wednesday	Onboarding Day 3: I was assigned a task to complete a Beginner's Crypto Course at Quidax Academy. I completed the course and obtained a certificate. I learned basically about how crypto works, understanding various concepts such as arbitrage, cryptocurrency, fiat, exchanges, hodling etc.
Thursday	Onboarding Day 4: We interns had a Risk Onboarding session and we were taught safety precautions (spotting phishing) and the best security measures to take in using our set-up email accounts and work tools to minimize the risks on the side of the company. I read a module, "Build your first

	ASP.NET Core web app" and basically learned how to create a web app template using .NET CLI, and run and debug it locally. I learned the 4 steps taken in serving a web application.
Friday	Onboarding wrap Day 5: Another day at the office, meeting with the CEO I was assigned a task by my supervisor on understanding the Quidax API and how crypto is sent and received over the blockchain network. I started reading the API as assigned and working on the tasks given.

WEEK 2

Monday	I read the book, Success Through A Positive Mental Attitude. Chapters 12-14. Resolved 70% of bugs in the EventInventorySystem project I am building. Made corrections to the domain layer of the application and the business rules. Implemented result pattern to the project, added CreateEventCommand using the CQRS pattern and tested the endpoint.
Tuesday	Engaged in delivering assigned tasks by my manager. I learned about blockchain particularly how bitcoin is sent over the blockchain, private and public keys, and wallets while working on the task. I submitted the task to my manager and he acknowledged it. I defined the domain entities and attributes serving as the base of another project I am working on.
Wednesday	Attempted resolving the remaining 30% of the bugs. I debugged and discovered that a file repository implementation was needed to store files on the database or the file system in the EventInventory System being built. Studied a module on MS Learn titled **"Customize ASP.NET Core behavior with middleware".** I understood that components made up the middleware pipeline in which requests and responses passed through. Terminal and non-terminal middleware and their applications. I realized that middleware are responsible for application features such as authentication, logging, URL redirection, exception handling, and many others. The order in which they are placed is important. I re-read the book, Success Through A Positive Mental Attitude. Chapter 1 and introduction.
Thursday	• Security Onboarding: I had a security onboarding session with the infosec team at Quidax teaching

	me safety and security measures to take against phishing attempts by Cyber criminals. I learnt to read, pause and verify emails before taking any further steps. I also learnt techniques used in phishing and how to spot them and forward suspicious emails using PAB. • I completed the "**Customize ASP.NET Core behavior with middleware"** module on Microsoft Learn. I learnt more about middleware and implemented a custom middleware for URL redirection and Logging.
Friday	Product Onboarding: We interns had a product onboarding session that taught us about the B2B and B2C products offered at Quidax and how to use them. We learnt some cryptocurrency concepts, centralized exchanges (cexes) and decentralized exchanges(dexes), base and quote currency, etc. The infosec team assigned me the task of completing a course on Phishing. • I also completed the "Configure Services with DI in ASP.NET Core" module on MS Learn and learnt about the various built-in service lifetimes in Dependency Injection ASP.NET Core.

Monday, March 31st	PUBLIC HOLIDAY
Tuesday, April 1st	PUBLIC HOLIDAY
Wednesday, April 2nd	- I completed the infosec course I was given. I learnt a lot about phishing, vishing, smishing, spear phishing, money laundering, and much more. I learnt how to become a human firewall as the last line of protection to the company (Quidax). - I completed the module, Introduction to Web Development with Blazor. I learnt that Blazor is a front-end Development framework for enabling the use of HTML, CSS, and C#. Blazor enables server and client-side development.
Thursday, April 3rd	I eventually fixed the bugs concerning the file Repository implementation of the Event Inventory System. I learnt how to upload files to an endpoint and test the endpoint. I learnt slightly about using CORS and connected an HTML form as input to the backend to test the Create Event endpoint.
Friday, April 4th	- I completed 2 modules on MS Learn, learning more about data binding and routing in Blazor. - I deliberated some of the use cases in the Event Inventory System project - I gave feedback to my supervisor on what I did throughout the week.

Monday April 7th	I collaborated with other interns to create Module 3 of Quidax's API integration curriculum. I learnt about Dependency Injection in ASP.NET Core on codewithmukesh.com by studying and implementing days 3 and 4 of the articles.
Tuesday April 8th	I collaborated with other interns to create Module 4 of Quidax's API integration curriculum. I started learning OOP in Java. I learnt about Inheritance and Encapsulation in Java.
Wednesday April 9th	I began Quizme, a Java console app project to align with the company's tech stack. I implemented the domain entities in this project and configured the relationships. I then implemented the getallevents feature in the Event-Inventory System.
Thursday April 10th	I completed module 2 of the cryptocurrency course on Coursera and learnt about hash function, hash pointer, and blockchain. I continued building the Event-Inventory system. I implemented the interfaces in the repository layer of the Quizme project.
Friday April 11th	I completed testing 3 AI Chatbots and provided feedback and the transcripts as one of the internal testers for the AI Chatbots development. I learnt how to setup Maven and Java SDK on Visual Studio Code while building Quizme, the java console app. I did not completely solve all the problems I encountered.

Monday April 12th	I tested the fourth AI Chatbot and provided feedback and transcripts based on the test outcome. I implemented the Repository layer of the Quiz Me console app and learned about the result pattern in C#.
Tuesday April 13th	I implemented JWT authentication in the Event-Inventory project and learnt how to integrate Postman for testing API requests in .NET Web APIs. I studied the day 5 article on codewithmukesh.com, learning about service lifetimes in Dependency Injection.
Wednesday April 14th	I studied the day 6 article on codewithmukesh.com, learning about keyed services in ASP.NET Core, and implemented what I learned. I continued building the Quiz Me app by implementing the interfaces present in the repository layer of the application.
Thursday April 15th	I studied the day 7 article on codewithmukesh.com, learning about Scrutor in .NET for auto-registering dependencies, and implemented what I learned. I completed implementing the repository layer of the Quiz Me app and began the services layer.
Friday April 16th	PUBLIC HOLIDAY

Monday April 21	PUBLIC HOLIDAY
Tuesday April 22	I learnt about pagination, filtering, and sorting, making changes to the pagination implementation in the project, Event-Inventory System, I am building. I also continued building the Quiz Me console project.
Wednesday April 23	I studied the day 8 article on codewithmukesh.com, learning about Filters and their types in ASP.NET Core, and implemented what I learned by trying out the different filter types.
Thursday April 24	I continued building the Quiz Me console app, defining the interfaces in the service layer of the app. I planned the functional requirements of a new project, Survey Hustler.
Friday April 25	I began implementing the domain layer, defining the entities and database (*connection) of Survey Hustler. I completed module 3 of the crypto course learning about Cryptocurrency as an Asset.

Monday April 28th	I began learning Spring Boot by taking a course by Codewithmosh. I learnt about the Spring Framework and its components, Spring Boot, and how to manage dependencies in Spring Boot projects. I completed the course, "Top 5 Phishing Fundamentals" assigned to me by the infosec team. I also completed module 4 of the crypto course. (distribute this round).
Tuesday April 29th	I continued learning Spring Boot, learning how to Run and Debug Spring Boot apps using the CLI and IntelliJ. I also completed the course "Fraud Awareness and Prevention" assigned to me by the infosec team.
Wednesday April 30th	I continued building Survey Hustler, completing the database context, initiating the database connection, and beginning the repository layer.
Thursday May 1st	I learnt about Dependency Injection in Spring Boot. I was introduced to beans, Spring IoC Container, beans lifecycle, YAML, configuring beans using annotations and code etc. PUBLIC HOLIDAY
Friday May 2nd	I completed the service layer of the Quiz me console app, moving on to the menus layer, and took an exercise on Dependency Injection in Spring Boot.

Monday May 5th	I began testing the features on the Quidax 3.0 application following the guidelines and provided detailed feedback as one of the internal testers. I learnt about HTTP Channeling and the use of ngrok to enable remote testing of an application on a local development environment.
Tuesday May 6th	I learnt about the various data access technologies (APIs) used to access the database in Java: JDBC, JPA/Hibernate, and Spring Data JPA. I completed testing the Quidax 3.0 app and provided feedback.
Wednesday May 7th	//do something I planned and corrected the flow of the Survey Hustler Application. I completed the course "Situational Awareness" placing emphasis on employees paying close attention to their physical surrounding and not just phishing attacks. //add more
Thursday May 8th	I completed the course "Code of Conduct – Quickly Explained" learning about the Code of Conduct and its impact and effectiveness in the organization. I began implementing the menus layer of the quiz me console application.
Friday May 9th	I began implementing the menus/Console UI layer of the quiz me console app. I learnt how to use FlyWay and Maven in Spring Boot to manage database versioning and migrations.

Monday May 12th	I continued building the Quiz me console app making more progress in the menus layer of the app. I learnt and implemented how to use Lombok in Spring Boot, using annotations and configuring relationships (1:M, M:N). //I took an exercise testing my knowledge on using code-first approach to define entities.
Tuesday May 13th	I read In Pursuit of Purpose.
Wednesday May 14th	I was assigned a task by my team to research on automatic email integration solutions to a hackathon form submission. I began documenting my findings and observation.
Thursday May 15th	I completed and delivered the task learning more about linking Typeform to Brevo, a tool for sending emails using Zapier or Make.com as an intermediary comparing both alternatives to get the optimal solution to the problem.
Friday May 16th	