CLARITY TECHWORKS

HOT NEWS

Picture taken during industrial visit on 20 January 2024

SUMMARY

Section 04's industry visit to Clarity Techworks occurred on Thursday, January 20, 2024. We were given a brief introduction by Ms Thamarai Thangamany, the Business Development Manager at Clarity Techworks.

Mr. Mohammad Noor Ridwan Musa and Ms. Nurul Sakina Binti Sawal, Junior Android Developers of Clarity Techworks shown a demo of a sign-up/login page and a qr generator and scanner.

Next, we visited the iOS Developer Team guided by Ms. Nurul Najihah Hisamuddin. We played enjoyable game that she created for the iOS system.

We visited the QA Analyst Team where Ms. Liyana Amri demonstrated to us how they run QA tests on both the mobile application and web browser.

Then, we met the UI/UX team. Ms. Aishah Rahman shared with us about her work and let us tried to design a web page.

Picture taken during industrial visit on 20 January 2024

We were directed toward the Web Development team. Mr. Husny Mussharaf demonstrated to us what they do as front-end web developers through a small game they created.

Afterward, we visited the Web API team. Mr. Saiful Habib Danial Shiful Anuar and Mr. M. Khairuzzaman bin Kassim demonstrated to us what they do as back-end web developers through a small book app simulation they created.

We were guided to the meeting room where Mr. Yee Soon Tuck, the Chief Technology Officer, introduced us to Clarity Techworks. We also got the chance to engage in some meaningful conversations with him.

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Taqia Tahmida A23CS0026

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TECHNOLOGY USED

January 22nd, 2024

https://www.seekpng.com/ipng/u2w7t4i1a9q8i1i1_web-application-development-web-application-icon/

>>> WEB APPLICATION TEAM

- Backend apps: Laravel, php and MySql
- Frontend apps: Vue.js, PRIMEVUE and JavaScript.
- Styling apps : PRIMEFLEX, tailwind css and CSS
- Supports frontend user services and interface with any required resource

https://icons8.com/icon/20822/ios-logoweb-application-icon/

>>> IOS TEAM

iOS

- Languages used: Swift Programming Language and Objective-C
- Applications used:
  - Swift UI and UIkit: framework
  - Xcode: Integrated development environment (IDE)

- Table Editor: displays the data in the form of a table in order to smoothen their work on data management.
- Laravel: creates API and database structure
- Postman: API testing and response documentation
- Sourcetree / Git: source control and bug tracking.

>>> WEB API TREAM

https://www.freepik.com/icon/api_4661242

>>> QUALITY ASSURANCE TEAM

- Selenium and Appium: runs test cases automatically
- Selenium: an open source umbrella project for a range of tools and libraries aimed at supporting browser automation
- Appium: an open source automation tool for running scripts and testing native applications, mobile-web applications and hybrid applications on Android or iOS using a webdriver.

https://www.shareicon.net/android-607624

>>> ANDROID TEAM

- Software used: Android studio, Google Play Console, Figma , Postman and Jira
- Android studio: develops mobile applications
- Google Play Console: publishes the applications to Google Play Store
- Figma: designs the UI of the system
- Postman: helps to check API related information
- Jira: distributes tasks to all staff.

>>> UI/UX TEAM

https://prosperux.com/

- Apps used: Figma, Slack and Postmark for wireframing and prototyping
- Create a user-friendly interface to the application to allow them to have a good experience with the application

>>> REFLECTION

Visit to Clarity Techworks has inspired all of us a lot. We were captivated by the collaborative, cross-disciplinary projects on display, giving us a glimpse into the industry's dynamic and fast-paced nature. The company's dedication to innovation, proactive mindset, and focus on ethical practices shed light on the multifaceted nature of the tech sector. Most importantly, we gained a profound understanding of the importance of adaptability and continuous learning in order to thrive in this constantly evolving field.

https://www.linkedin.com/posts/claritytechworks_claritytechworks-utm-laravel-activity-7092809457704828928-BoC8/

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