LEARNING JOURNAL

Name: Mark Aaron Mayor

Date Started: October 06, 2025

Date Finished: October 16, 2025

Number of Hours: 49.85

Department	Activity/Assigned Task
App Developer (IT Department)	**October 06, 2025** **FUTURA.** I contributed to the UI design for Futura using Figma, focusing on enhancing usability and readability to improve the overall user experience.
App Developer (IT Department)	**October 07, 2025** I worked on EquiServe's Speech-to-Text Tool (EquiNotes), identifying key triggers for the app and refining the UI to align with modern design standards, making it sleek and visually appealing. I also introduced new features such as the ability to copy words or phrases by clicking or highlighting, and added a quick dashboard to display recent calls, maximizing screen space. Later that day, I updated the wireframe, particularly the supervisor tab, and held a discussion with Sir Arel via Google Meet to report progress on the UI and ensure a clearer understanding of the app's process and flow.
App Developer (IT Department)	**October 08, 2025** I researched VB-Audio Cable to capture computer audio as input and successfully set it up to detect audio from YouTube. I then integrated RealTimeSTT to transcribe the audio in real time. To ensure smooth operation, I introduced threading and sound device management, which allowed both audio input and transcription to work simultaneously. After resolving a delay issue (by preloading the model), I made the transcription tool fully functional for real-time calls. Next, I worked on improving the UI by organizing the recent calls section and reducing text clutter. I also made the recent calls downloadable

	as icons for a cleaner design, added a call duration header to the transcript box, and implemented diarization for better client-agent separation. Additionally, I completed the profile view, adding statistics like average call duration, a search bar with filters (by ID, date, or status), and a modal for viewing and downloading saved calls. With Phase 1 of EquiNotes now complete and ready for presentation, the only remaining tasks were database integration and setting up triggers.
App Developer (IT Department)	**October 10, 2025** I created a presentation in Canva to clearly explain the process and functionality of EquiNotes.
App Developer (IT Department)	**October 15, 2025** I further enhanced the UI, focusing on mobile responsiveness so agents could efficiently work from a single monitor. I prioritized the live transcript by making it occupy 90% of the screen when minimized, while minimizing other sections like recent calls.
App Developer (IT Department)	**October 16, 2025** I added accurate timestamps to the transcripts and integrated the copy feature in the profile tab, allowing agents to copy details from past calls. I also prepared the presentation slides to pitch Phase 1 of EquiNotes. Introduction of vite and integration of Tailwind in Futura.

____MARK AARON A. MAYOR____
Name & Signature of Student Trainee

_____AREL A. MAGAYON_____
Name & Signature of Immediate Supervisor