CSE 400: Final Year Design Project (FYDP)

Reflective Journal Entry
United International University (UIU)

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Group: 7	Date: 10/6/2023	Week: 1

Reflective Entry (Weekly activities)	Signature and remarks of faculty
• Learn what Federated Learning is. • Understand the core concepts of Federated Learning, including client-server architecture, model updates, and federated averaging. • Learn basics of machine learning. Familiarize myself with common machine learning algorithms, such as linear regression, logistic regression, decision trees, and neural networks. • Study Federated Learning use cases in various domains, such as healthcare, finance, Traffic problem, Fuel Station base and Internet of Things (IoT). • Explore Federated Learning libraries and frameworks, such as TensorFlow Federated (TFF) and PySyft, which provide tools and abstractions for implementing Federated Learning.	