Capstone Project -Application Implementation

Session No#	Session mode	Session Details	Week-Day	Duration Hrs
1	MS -Sync	Explain the Project Brief Explain the task 1 Conduct stakeholder analysis and gather functional and non- functional requirements. Define project goals, constraints, and scope.	1-1	3
2	MS -Sync	Explain the task 2 Design the application architecture, including data flow, integration points, technology stack (Power Platform, Python, etc.), and module structure.	1-2	3
3	MS -Async	Complete the project tasks and deliver the below • Project Charter & Requirements Specification Document • Solution Architecture Document & ER Diagram	Before the Sync Session	6
4	MS-Sync	Explain task 3 Develop the data model in Microsoft Dataverse, including entities, relationships, data types, and validation rules.	2-3	3
5	MS -Async	Complete the project tasks and deliver the below • Dataverse Schema with Configured Entities	Before the Sync Session	6
6	MS-Sync	Explain task 4 Design and develop the user interface using HTML/CSS/JavaScript or Power Apps canvas interface for targeted use cases.	2-4	3
7	MS -Async	Complete the project tasks and deliver the below • Wireframes & Initial UI Screens	Before the Sync Session	3
8	MS -Async	Complete all the pending tasks	Before the Sync Session	3
	MS -Sync	Explain task 5		

9		Develop backend logic using Java scripts, such as data processing or integration services. Connect services via APIs if applicable.	3-5	3
10	MS -Async	Complete the project tasks and deliver the below Java Scripts and Integration Blueprint	Before Sync session	6
11	MS -Sync	Explain the task 6 Implement business process automation with flows triggered by user interaction or data events (e.g., approvals, notifications).	4-6	3
12	MS-Sync	Explain the task 7 Integrate AI models using AI Builder or Power BI AI visuals and design dashboards with Power BI to visualize business metrics.	5-7	3
13	MS -Async	Complete the project tasks and deliver the below Power BI Dashboard & AI Feature Demo	Before Sync session	6
14	MS-Sync	Explain task 8 Conduct user testing, refine UI/UX, validate workflows, and finalize documentation. Prepare for presentation and deployment.	6-8	3
15	MS -Async	Complete the project tasks and deliver the below Final Application Package & Capstone Report Project Closure and submit Project Report	Before Assessment	6
16	AS-Sync	Summative Assessment (Each learner)	7-9	30 min

EL-E-Learning
FC-Flipped Class
AS-Assignment
PM-Project Mentoring
PI-Project Implementation

SA-Summative Assessment
Sync- Synchronous Session &
Async- Asynchronous Session