Agile Project Management (Implementation)

Part Time

Session No#	Session mode	Session Details	Week -Day	Duration Hrs
1	EL-Async	IU 1: Fundamentals of Agile Project Management and Scrum • Agile Manifesto: Principles and Values • Scrum Framework: Roles, Events, and Artifacts IU 2: Agile & Scrum Management Frameworks • Comparison of Agile Frameworks: Scrum, Kanban, Lean • Backlog Management and Agile Estimation Techniques Complete MCQ	Before Sync session	2
2	FC -Sync	IU 1: Fundamentals of Agile Project Management and Scrum IU 2: Agile & Scrum Management Frameworks Explain assignment 1 & 2	1-1	3
3	AS -Sync	Assignment 1: Distinguishing agile from waterfall – Compare Agile and Waterfall approaches and explain the benefits of Agile in dynamic environments. Assignment 2: Introducing Scrum Roles to a New Team – Present and clarify the roles of Product Owner, Scrum Master, and Development Team to new Agile team members.	1-2	3
4	EL-Async	IU 3: Building and Managing Agile Teams • Stages of Agile Team Formation and Dynamics • Effective Communication and Conflict Resolution in Agile Teams IU 4: Agile Planning, Implementation, and Risk Management • Sprint Planning, Reviews, and Feedback Loops • Risk Identification and Mitigation in Agile Projects Complete MCQ	Before Sync session	2
5	FC- Sync	IU 3: Building and Managing Agile Teams	1-3	3

		IU 4: Agile Planning, Implementation, and Risk Management Explain assignment 3 & 4		
6	AS- Sync	Assignment 3: Facilitating Communication in Distributed Agile Teams – Propose tools and practices to enhance communication and collaboration in remote Agile teams. Assignment 4: Managing Scope Changes During a Sprint – Demonstrate how to address new high-priority requirements mid-sprint while maintaining focus on the sprint goal.	2-4	3
7	EL-Async	IU 5: Advanced Scrum Practices and Agile Project Execution • Advanced Scrum Metrics (Velocity, Burndown, Burnup) • Stakeholder Engagement and Agile Leadership Techniques Complete MCQ	Before Sync session	2
8	FC-Sync	IU 5: Advanced Scrum Practices and Agile Project Execution Explain assignment 5	2-5	3
9	AS -Sync	Assignment 5: Building Trust and Collaboration in Agile Teams – Create strategies and actions to develop team trust, transparency, and cross-functional collaboration.	2-6	3
10	EL-Async	IU 6: Agile Continuous Improvement and Growth • Conducting Effective Retrospectives • Creating a Culture of Learning and Continuous Improvement Complete MCQ	Before Sync session	3
11	FC-Sync	IU 6: Agile Continuous Improvement and Growth Explain assignment 6	3-7	3
12	AS -Sync	Assignment 6: Following Up on Retrospective Action Items – Implement a process to track, document, and measure the effectiveness of actions from sprint retrospectives.	3-8	3
13	PM-Sync	Project Task 1: Agile Framework Adoption Plan Scenario: You have joined a company transitioning from Waterfall to Agile. Some team members are unfamiliar with Agile practices. Task: Create a comprehensive Agile adoption plan that:	3-9	3

		• Compares Agile vs. Waterfall in a team briefing document. • Introduces Scrum roles (Product Owner, Scrum Master, Development Team). • Proposes steps for onboarding and training team members		
14	PI-Async	Completion of the task	Before next Sync session	3
15	PM-Sync	Project Task 2: Sprint Planning and Execution Simulation Scenario: Your Agile team is preparing for its first Sprint. Task: Facilitate a sprint planning simulation that includes: • Estimating tasks using Planning Poker. • Prioritizing backlog items based on business goals. • Drafting a sprint backlog with a clear MVP definition.	4-10	3
16	PI-Async	Completion of the task	Before next Sync session	3
17	PM-Sync	Project Task 3: Continuous Improvement Strategy Scenario: Your team has completed several sprints and needs to improve collaboration and delivery. Task: Design a strategy to enhance continuous improvement by: • Creating a retrospective report with improvement areas. • Outlining follow-up actions and methods to track them. • Proposing tools for communication in a distributed Agile team.	4-11	3
18	PI-Async	Completion of the task	Before next Sync session	3
19	PM-Sync	Completion of the Project tasks and prepare project report	4-12	3
20	PI-Async	Complete project report	Before assessment	3
21	SA-Sync	Summative Assessment (Each learner)	5-9	30 min

Full Time

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1	EL-Async	IU 1: Fundamentals of Agile Project Management and Scrum • Agile Manifesto: Principles and Values • Scrum Framework: Roles, Events, and Artifacts IU 2: Agile & Scrum Management Frameworks • Comparison of Agile Frameworks: Scrum, Kanban, Lean • Backlog Management and Agile Estimation Techniques Complete MCQ	1-1	2
2	FC -Sync	IU 1: Fundamentals of Agile Project Management and Scrum IU 2: Agile & Scrum Management Frameworks Explain assignment 1 & 2	1-2	3
3	AS -Sync	Assignment 1: Distinguishing agile from waterfall – Compare Agile and Waterfall approaches and explain the benefits of Agile in dynamic environments. Assignment 2: Introducing Scrum Roles to a New Team – Present and clarify the roles of Product Owner, Scrum Master, and Development Team to new Agile team members.	1-3	3
4	EL-Async	IU 3: Building and Managing Agile Teams • Stages of Agile Team Formation and Dynamics • Effective Communication and Conflict Resolution in Agile Teams IU 4: Agile Planning, Implementation, and Risk Management • Sprint Planning, Reviews, and Feedback Loops • Risk Identification and Mitigation in Agile Projects Complete MCQ	1-4	2
5	FC- Sync	IU 3: Building and Managing Agile Teams IU 4: Agile Planning, Implementation, and Risk Management	1-5	3

		Explain assignment 3 & 4		
6	AS- Sync	Assignment 3: Facilitating Communication in Distributed Agile Teams – Propose tools and practices to enhance communication and collaboration in remote Agile teams.	2-6	3
		Assignment 4: Managing Scope Changes During a Sprint – Demonstrate how to address new high-priority requirements mid-sprint while maintaining focus on the sprint goal.		
7	EL-Async	IU 5: Advanced Scrum Practices and Agile Project Execution • Advanced Scrum Metrics (Velocity, Burndown, Burnup) • Stakeholder Engagement and Agile Leadership Techniques Complete MCQ	2-7	2
8	FC-Sync	IU 5: Advanced Scrum Practices and Agile Project Execution Explain assignment 5	2-8	3
9	AS -Sync	Assignment 5: Building Trust and Collaboration in Agile Teams – Create strategies and actions to develop team trust, transparency, and cross-functional collaboration.	2-9	3
10	EL-Async	IU 6: Agile Continuous Improvement and Growth • Conducting Effective Retrospectives • Creating a Culture of Learning and Continuous Improvement Complete MCQ	2-10	3
11	FC-Sync	IU 6: Agile Continuous Improvement and Growth Explain assignment 6	3-11	3
12	AS -Sync	Assignment 6: Following Up on Retrospective Action Items – Implement a process to track, document, and measure the effectiveness of actions from sprint retrospectives.	3-12	3
13	PM-Sync	Project Task 1: Agile Framework Adoption Plan Scenario: You have joined a company transitioning from Waterfall to Agile. Some team members are unfamiliar with Agile practices. Task: Create a comprehensive Agile adoption plan that: • Compares Agile vs. Waterfall in a team briefing document.	3-13	3

		• Introduces Scrum roles (Product Owner, Scrum Master, Development Team). • Proposes steps for onboarding and training team members		
14	PI-Async	Completion of the task	3-14	3
15	PM-Sync	Project Task 2: Sprint Planning and Execution Simulation Scenario: Your Agile team is preparing for its first Sprint. Task: Facilitate a sprint planning simulation that includes: • Estimating tasks using Planning Poker. • Prioritizing backlog items based on business goals. • Drafting a sprint backlog with a clear MVP definition.	3-15	3
16	PI-Async	Completion of the task	4-16	3
17	PM-Sync	Project Task 3: Continuous Improvement Strategy Scenario: Your team has completed several sprints and needs to improve collaboration and delivery. Task: Design a strategy to enhance continuous improvement by: • Creating a retrospective report with improvement areas. • Outlining follow-up actions and methods to track them. • Proposing tools for communication in a distributed Agile team.	4-17	3
18	PI-Async	Completion of the task	4-18	3
19	PM-Sync	Completion of the Project tasks and prepare project report	4-19	3
20	PI-Async	Complete project report	4-20	3
21	SA-Sync	Summative Assessment (Each learner)	5-21	30 min

EL-E-Learning
FC-Flipped Class
AS-Assignment
PM-Project Mentoring
PI-Project Implementation
AP-Additional Practice
SA-Summative Assessment
Sync- Synchronous Sesson
Async- Asynchronous Session