

Sprint 3								
Timeline		The timeline of the sprint to implement a minimum of 4 of the core features of the Smart Education Events System, apply design patterns, and update the class diagram.						
Objective		The objective for sprint 3 is to complete User Story 1 (initialization of the project), User Story 2 (creating the UI and endpoints for the signup and login page), User Story 3 (#30,#31, #32), User Story 5 (#43,#44,#46,#47), User Story 8 (#60,#61,#63), User Story 9 (#65. just the UI for the payment feature), User Story 10 (All 4 design patterns), User Story 11 (Class diagram), User Story 12 (), User Story 13 (), User Story 14 (All of the guest UI).						
Issue # from repository	User Story/Task Title	Story Points	Due Date	Associated Tasks/ Task Description	Priority (low, medium, high)	Risk (low, medium, high)	Responsible	Dependency
	Create Sprint 3 User Stories (Agile)	3	03/29/2025	As a developer, I need to have a list of issues that I can choose from so that I can decide what I will be working on this sprint.	high	low	Massimo	
	ALL - Initialize Project (User Story 1)	2	03/29/2025	As a developer, I need a basic project setup to start working on my issues	high	medium	Massimo	
	Create README.md file (Documentation)	1	03/29/2025	As a TA/Professor, I want to see a complete README file containing valuable information	low	low	Massimo	
#77	FRONTEND - Create Login/Signup Page(s) (User Story 2)	3	03/29/2025	As a user, I want to see an interactive page where I can login/signup up to the site	high	medium	Massimo	
#78	BACKEND - Create Login/Signup API Endpoints (User Story 2)	3	03/29/2025	As a developer, I need to have different endpoints that we will need to create the login/signup page.	high	medium		#77
#29	Event Planning and Scheduling: Agenda Management - FRONTEND (User Story 3)	2	03/29/2025	As an event organizer, I want to create and manage detailed event agendas, so that I can ensure smooth scheduling and coordination for all participants.	high	medium		
#30	Event Planning and Scheduling: Venue Booking UI - FRONTEND (User Story 3)	2	03/29/2025	As an event organizer, I want to book venues and avoid scheduling conflicts, so that I can effectively allocate spaces for different sessions.	high	medium	Abdullah	
#31	Event Planning and Scheduling: Schedule Viewing - FRONTEND (User Story 3)	2	03/29/2025	As an attendee, I want to view the event schedule and receive updates, so that I can plan my participation accordingly.	high	medium	Abdullah	
#32	Event Planning and Scheduling: Conflict Prevention - BACKEND (User Story 3)	2	03/29/2025	As an event organizer, I want the system to prevent scheduling conflicts, so that I can avoid overlapping bookings.	low	medium		
#33	Event Planning and Scheduling: Calendar Integration - BACKEND (User Story 3)	1	03/29/2025	As an event organizer, I want to integrate event schedules with external calendars, so that I can keep track of my commitments.	low	medium		
#34	Event Planning and Scheduling: Event Data Storage - DATABASE (User Story 3)	2	03/29/2025	As an administrator, I want to store event details, schedules, and venue bookings, so that I can maintain an accurate event database.	medium	medium	Abdullah	
#35	Event Planning and Scheduling: Conflict Enforcement - DATABASE (User Story 3)	2	03/29/2025	As an administrator, I want the database to enforce scheduling rules, so that conflicts are prevented automatically.	low	medium		
#36	Stakeholders and Attendees Management: Attendee Registration - FRONTEND (User Story 4)	1	03/29/2025	As an attendee, I want to register for events and manage my ticketing options, so that I can attend sessions seamlessly.	low	medium	Vlad	
#37	Stakeholders and Attendees Management: Role-Based Access UI - FRONTEND (User Story 4)	3	03/29/2025	As an event organizer, I want to assign role-based access to different users, so that stakeholders have appropriate permissions and responsibilities.	low	high		
#38	Stakeholders and Attendees Management: Attendee Record Management - BACKEND (User Story 4)	1	03/29/2025	As an administrator, I want to manage attendee records, so that I can communicate relevant updates and maintain accurate records.	low	medium		
#39	Stakeholders and Attendees Management: Authentication & Authorization - BACKEND (User Story 4)	3	03/29/2025	As an administrator, I want to enforce authentication and role-based access, so that only authorized users can access certain features.	low	high		
#40	Stakeholders and Attendees Management: Attendee Data Storage - DATABASE (User Story 4)	2	03/29/2025	As an administrator, I want to store attendee profiles, registration details, and ticketing data, so that I can track participant information efficiently.	low	high	Vlad	
#41	Stakeholders and Attendees Management: Access Control Management - DATABASE (User Story 4)	2	03/29/2025	As an administrator, I want to implement access control levels in user records, so that permissions are correctly assigned.	low	high		
#42	Network and Engagement: Live Polling & Q&A - FRONTEND (User Story 5)	2	03/29/2025	As an attendee, I want to participate in live polls and Q&A sessions, so that I can engage with speakers and other participants in real-time.	medium	medium		

#43	Network and Engagement: Chatroom & Networking - FRONTEND (User Story 5)	2	03/29/2025	As an attendee, I want to join chatrooms based on my interests, so that I can network with like-minded professionals.	high	medium	Alexandria	
#44	Network and Engagement: Personalized Itineraries- FRONTEND (User Story 5)	2	03/29/2025	As an attendee, I want to receive personalized event itineraries, so that I can attend relevant sessions and networking opportunities.	high	medium	Alexandria	
#45	Network and Engagement: Polling & Q&A Processing - BACKEND (User Story 5)	2	03/29/2025	As an event organizer, I want the system to handle real-time polling and Q&A, so that engagement remains interactive.	medium	medium		
#46	Network and Engagement: Matchmaking Algorithm - BACKEND (User Story 5)	2	03/29/2025	As an event organizer, I want the system to match attendees with similar interests, so that networking is more effective.	high	medium	Alexandria	
#47	Network and Engagement: Chat & Engagement Data Storage - DATABASE (User Story 5)	2	03/29/2025	As an administrator, I want to store chat logs, matchmaking preferences, and engagement data, so that I can analyze participant interactions.	high	medium	Alexandria	
#48	Event Promotion: Custom Event Pages - FRONTEND (User Story 6)	2	03/29/2025	As an event organizer, I want to create and customize event pages, so that I can provide attendees with all necessary information in one place.	low	medium	Vlad	
#49	Event Promotion: Marketing & Social Integration - FRONTEND (User Story 6)	1	03/29/2025	As an event marketer, I want to send email campaigns and integrate with social media, so that I can promote the event and increase attendance.	low	low		
#50	Event Promotion: Automated Marketing Tools - BACKEND (User Story 6)	2	03/29/2025	As an event marketer, I want the system to manage automated email campaigns and social media APIs, so that outreach efforts are efficient.	low	medium		
#51	Event Promotion: Promotion & Engagement Data - DATABASE (User Story 6)	1	03/29/2025	As an administrator, I want to store event promotion materials, email campaign logs, and social media interactions, so that I can track engagement success.	low	low		
#53	Resource Management: Digital Material Access - FRONTEND (User Story 7)	2	03/29/2025	As an event organizer, I want to distribute digital materials to attendees, so that they can access necessary documents and resources.	low	medium		
#54	Resource Management: Exhibitor Resource Management - FRONTEND (User Story 7)	1	03/29/2025	As an exhibitor, I want to manage my booth's digital assets and promotional materials, so that I can effectively engage with attendees.	low	low		
#55	Resource Management: Secure File Uploads - BACKEND (User Story 7)	3	03/29/2025	As an event organizer, I want the system to handle file uploads and access control for digital materials, so that only authorized users can view them.	low	high		
#56	Resource Management: Resource Tracking - BACKEND (User Story 7)	2	03/29/2025	As an event organizer, I want the system to manage content distribution and download tracking, so that I can ensure materials are properly accessed.	low	medium		
#57	Resource Management: Resource Data Storage - DATABASE (User Story 7)	2	03/29/2025	As an administrator, I want to store event-related resources and access permissions, so that I can manage content distribution effectively.	low	medium		
#59	Analytics and Reporting: Performance Dashboard - FRONTEND (User Story 8)	1	03/29/2025	As an event organizer, I want a dashboard with event performance metrics, so that I can analyze attendance and engagement.	medium	low	Abdullah	
#60	Analytics and Reporting: Data Visualization - FRONTEND (User Story 8)	1	03/29/2025	As an event organizer, I want real-time graphs and data visualizations, so that I can interpret event data more easily.	high	low	Abdullah	
#61	Analytics and Reporting: Engagement Data Processing - BACKEND (User Story 8)	3	03/29/2025	As an event organizer, I want the system to process event engagement and attendance data, so that I can make informed decisions.	low	medium	Abdullah	
#62	Analytics and Reporting: Report Generation - BACKEND (User Story 8)	2	03/29/2025	As an administrator, I want to generate reports on event performance, so that I can provide insights to stakeholders and sponsors.	low	medium	Abdullah	
#63	Analytics and Reporting: Analytics Data Storage - DATABASE (User Story 8)	2	03/29/2025	As an administrator, I want to store analytics data, event statistics, and feedback, so that I can measure event success.	medium	medium	Abdullah	

#65	Payment and Financial Management: Secure Payment UI - FRONTEND (User Story 9)	2	03/29/2025	As an attendee, I want to securely purchase tickets and other event-related services, so that I can complete transactions with confidence.	high	medium	Massimo	
#66	Payment and Financial Management: Sponsorship Tracking - FRONTEND (User Story 9)	1	03/29/2025	As an event organizer, I want to track sponsorship contributions, so that I can ensure transparency in funding.	low	medium	Massimo	
#67	Payment and Financial Management: Payment Getaway Integration - BACKEND (User Story 9)	3	03/29/2025	As an event organizer, I want the system to integrate with secure payment gateways, so that all transactions are safely processed.	medium	high		
#68	Payment and Financial Management: Budget & Expense Management - BACKEND (User Story 9)	2	03/29/2025	As an event organizer, I want the system to manage budget tracking and financial reports, so that I can monitor event expenses.	medium	high		
#69	Payment and Financial Management: Financial Data Storage - DATABASE (User Story 9)	2	03/29/2025	As an administrator, I want to store transaction logs, sponsorship details, and financial records, so that I can maintain accurate financial data.	medium	high		
#19	Apply Design Pattern 1 (User Story 10)	2	03/29/2025	As a developer, I want to implement a design pattern that will improve the flexibility, maintainability, or scalability of my system	high	low	Jammie	
#20	Apply Design Pattern 2 (User Story 10)	2	03/29/2025	As a developer, I want to implement a design pattern that will improve the flexibility, maintainability, or scalability of my system	high	low	Jammie	
#21	Apply Design Pattern 3 (User Story 10)	2	03/29/2025	As a developer, I want to implement a design pattern that will improve the flexibility, maintainability, or scalability of my system	high	low	Jammie	
#22	Apply Design Pattern 4 (User Story 10)	2	03/29/2025	As a developer, I want to implement a design pattern that will improve the flexibility, maintainability, or scalability of my system	high	low	Jammie	
#23	Updating Class Diagram (User Story 11)	4	03/29/2025	As a developer, I need to update the class diagram to reflect the applied design patterns, ensuring it accurately represents the improved system architecture. This involves identifying and documenting key design issues, justifying the selected patterns, and illustrating their impact on flexibility, maintainability, and scalability. By updating relationships, methods, and structures in the diagram, I create a clearer, more modular, and adaptable design that future developers can easily understand and extend.	high	medium	Jammie	
#70	FRONTEND - AboutUs Page (User Story 12)	1	03/29/2025	As a user, I want to see the software team so that I can see who was in charge of different parts of the project	low	low	Massimo	
#71	FRONTEND - Contact Page (User Story 13)	1	03/29/2025	As a user, I want to be able to contact the team if I have problems with the site	medium	low	Massimo	
#72	BACKEND - Contact Page Endpoints (User Story 13)	1	03/29/2025	As a developer, I want to receive the users' messages so that I can respond to them	medium	low	Massimo	
#73	FRONTEND - Home page (User Story 14)	1	03/29/2025	As a user, I want a home page so that I can fall back on it if I get stuck within the pages	medium	low	Abdullah	
#74	FRONTEND - Header (User Story 14)	1	03/29/2025	As a user, I want a header so that I can access elements quickly	medium	low	Massimo	
#75	FRONTEND - Sidebar (User Story 14)	1	03/29/2025	As a user, I want a sidebar so that I can access elements in an efficient manner	medium	low	Abdullah	
#76	FRONTEND - Footer (User Story 14)	1	03/29/2025	As a user, I want a footer so that I can see additional information about the site	low	low	Massimo	
#79	FRONTEND - Landing Page (User Story 14)	2	03/29/2025	As a user, I want a landing page that I can interact with as a guest so that I can sign up/login and see what the website is about before signing up	medium	medium	Massimo	