

ID	Executable	User Stories	Acceptance Criteria	Points	Sprint	
Task1	Diagrams	As a team, we want to complete our diagrams so that we can visualize what our project will look like and how it will function.	Given we create the Diagrams and they approved by the team, When creating our application, Then we will refer back to these diagrams to help structure our app.	3	1	
Task2	Product Backlog	As a team, we want to complete our backlog and plan in what sprint we want to complete each feature	Given we create the Backlog, When it is fully populated with all features, and each feature is assigned to a specific sprint, Then we will complete each task by the appropriate sprint end.	2	1	
Task3	Frontend and Backend Technologies	As a team, we want to agree on the technologies we will use to complete our project and what works best for all.	Given the team agrees on and documents the frontend and backend technologies, When they are needed for specific featers, Then the team will use those technologies.	1	1	
Task4	Alogrithms	As a team, we want to agree on the algorithms we will use to complete our project.	Given that we agree on the algorithms, When we will need those algorithms, Then we will utilize them for our application.	1	1	
US 1	Account Creation	As a new user, I want to create an account using Single Sign-On (SSO) so that my account is set up quickly and my profile data is saved automatically.	Given I'm on the registration screen, Then I see an option to "Sign up with SSO". When I select an SSO provider (ex. Google) and successfully authenticate,Then a new account is created in the system using the data returned by the provider And I'm redirected to my dashboard or welcome page.Given this is my first time signing up via SSO When my account is created, Then my email, name, and any other available profile fields are stored in my user profile. When I later return and sign in via the same SSO provider, Then I am able to log in successfully without creating a duplicate account	8	1	
US 2	User Login	As a user of the application, I want to see username and password fields as soon as I open the app so that I can enter my credentials and log in.	Given I open the application, Then I see clearly labeled "Username" and "Password" input fields, When I enter a valid username and password and submit, Then I am successfully logged in. When I enter invalid credentials and submit, Then I receive an appropriate error message and remain on the login screen	8	1	
US 3	Home Screen	As a user of the application, I want to be taken to the home screen after I log in so that I can access the app's main features immediately.	Given I'm on the login screen, When I enter valid credentials and tap "Log In", Then I am redirected to the home screen. Given I enter invalid credentials, When I tap "Log In", Then I remain on the login screen, And I see an error message explaining my credentials were incorrect	5	1	
US 4	Firebase API	As a registered user, I want my account data to be stored in a secure database so that it cannot be leaked or accessed by unauthorized parties.	Given I submit or update my account information, When the system writes to the database, Then all data is encrypted at rest.	8	2	
US 5	User Selection	As a user of the application, I want to see a list of available tutors after I log in so that I can select the one that best matches my preferences.	Given I have successfully logged in, When the home screen loads, Then I see a section titled "Available Tutors" displaying a list of tutor profiles. Given there are tutors in the system, When the list is displayed, Then each tutor entry shows at least the tutor's name, subjects, and next available time slot.	8	2	
US 6	Scheduling API	As a user of the application, I want to see a tutor's available time slots on a calendar after I select them so that I can choose a convenient appointment time.	Given I have successfully logged in and navigated to the "Available Tutors" list, When I tap or click on a tutor's name, Then I am taken to a calendar view showing only that tutor's available time slots.	13	2	
US 7	Availability Setting	As a tutor, I want to set my availability for tutoring sessions when I log in to my profile so that students can see and book the times I'm free.	Given I have successfully logged in as a tutor, When I navigate to the "Availability" or "Schedule" section of my profile, Then I see a calendar showing the current week's dates and times. Given I have set availability, When a student views my profile or the list of tutors, Then they only see the time slots I've marked as available for booking	8	2	

US 8	Student Notification	As a user, I want to receive reminders for upcoming tutoring sessions so that I do not forget about them.	Given I have one or more upcoming tutoring sessions scheduled, When it is 24 hours before the start time of any session, Then I receive a reminder notification (via my chosen channel)	5	2	
US 9	Tutor Notification	As a tutor, I want to receive notifications for new tutoring requests so that I can promptly confirm or decline each booking.	Given a student submits a request for a tutoring session, When the request is successfully created, Then I receive a notification.	5	2	
US 10	Schedule Deletion	As a user of the application, I want to reschedule or cancel my tutoring sessions so that I can adjust if my plans change.	Given I have one or more upcoming tutoring sessions, When I view my "My Sessions" list, Then each session entry shows "Reschedule" and "Cancel" controls. When I click "Reschedule"/ "Cancel" on a session, Then I'm taken to a calendar view showing that tutor's available slots, And I can select a new date and time, And I can confirm the change, And I receive a confirmation message that my session has been rescheduled.	8	2	
US 11	Admin Account	As an admin, I want to access all users and session data so that I can manage the platform effectively.	Given I'm logged in with an admin account, When I navigate to the Admin Dashboard, Then I see a "Users" section listing every user with columns for Name, Email, Role, and Account Status.	5	3	
US 12	User Filtering	As a user, I want to filter tutors by subject so that I can quickly find someone who specializes in the topic I need help with.	Given I am logged in and on the "Available Tutors" screen, When I view the filter controls, Then I see a "Subject" dropdown or checklist listing all offered subjects	8	3	
US 13	Schedule Setup	As a user, I want to select and book multiple tutoring sessions in one flow so that I can plan my learning schedule in advance.	Given I'm on a tutor's calendar view, When I click or tap on one available time slot, Then that slot is selected (highlighted). When I continue clicking additional available slots, Then each chosen slot is added to my "Selected Sessions" list	8	3	
US 14	Group Session Scheduling	As a user, I want to join group tutoring sessions so that I can learn in a collaborative setting and save money on each session.	Given I am logged in, When I navigate to "Group Sessions", Then I see a list of all upcoming group tutoring sessions, each showing tutor name, subject,	8	3	
US 15	File Sharing	As a tutor, I want to provide learning resources to students so that they can review and practice outside of tutoring sessions.	Given I'm logged in as a tutor, When I navigate to the "Resources" section of my dashboard, Then I see an interface for managing resources (upload, link). When I choose to upload a file (e.g., PDF, DOCX, PPT) or add an external link, Then I can provide a title. Given I have uploaded or linked resources, When I select one or more students or specific sessions, Then I can assign those resources so they appear only for the intended recipients	8	3	



