

PROJECT: First-Academy Automated Attendance Application

S/N	Actor	User Story Description	Acceptance Criteria	Business Rules
US-FAA-01	Trainee or Delegate	As a trainee, I want to register for the attendance app using my email and password.	<ol style="list-style-type: none"> 1. Trainee can successfully register with valid email and password. 2. Trainees receive a confirmation email or SMS. 3. Trainee's details are stored in the database. 	<ol style="list-style-type: none"> 1. Email address must be unique. 2. Password must meet complexity requirements.
US-FAA-02	Trainee or Delegate	As a trainee, I want to mark my attendance using fingerprint/face recognition and location verification.	<ol style="list-style-type: none"> 1. Attendance is marked successfully with valid biometric data. 2. Location (latitude and longitude) is verified within the training academy premises. 3. Attendance record is stored in the database. 	<ol style="list-style-type: none"> 1. Biometric data must match stored records. 2. Location must be within predefined academy coordinates.
US-FAA-03	Trainee or Delegate	As a Trainee, I want to be able to view my attendance records in real-time.	<ol style="list-style-type: none"> 1. Attendance records include all required details (date, time, session name, location, status). 2. Trainees can filter attendance 	<ol style="list-style-type: none"> 1. Trainee can only view their own attendance records. 2. Attendance records must be updated in real-time. 3. Attendance records must include: <ul style="list-style-type: none"> - Date and time of attendance

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			<p>records by date range.</p> <ol style="list-style-type: none"> 3. Trainee can view attendance records for past and current training sessions. 	<ul style="list-style-type: none"> - Training session name - Location (latitude and longitude) - Status (present/absent) <ol style="list-style-type: none"> 4. Trainee must be logged in to view attendance records
US-FAA-04	Trainee or Delegate	As a trainee, I want to receive notifications and alerts for upcoming sessions and attendance reminders.	<ol style="list-style-type: none"> 1. Notifications are sent successfully. 2. Notifications contain relevant session details. 3. Trainee/staff can opt-out of notifications. 	Notifications must be sent 24 hours prior to sessions.
US-FAA-05	Administrator	As an admin, I want to verify trainee attendance in real-time.	<ol style="list-style-type: none"> 1. Admin can view attendance records in real-time. 2. Admin can verify trainee presence. 	Admin must have trainer/admin role.
US-FAA-06	Administrator	As an admin, I want to generate attendance reports for trainees and staff.	<ol style="list-style-type: none"> 1. Admin can generate attendance reports. <p><i>Admin can search by:</i> Date, time, training session (e.g AWS foundation, location, status (late, online), Gender)</p> <p><i>System would display the following output:</i> Date, time, training session (e.g AWS foundation, location, status (late, online), Gender)</p>	Admin must have a back-office role.

			2. Reports can be exported (PDF/CSV).	
US-FAA-O7	Administrator	As an Admin, I want to be able to update the location (latitude and longitude) of a training venue.	<p>1. Admin can update location.</p> <p>Inputs: Venue name, New Latitude, New Longitude, Update Button</p> <p>Output: Location updated Successfully</p>	Admin must have a back-office role.
US-FBA-O8	Administrator	As an Admin, I want to be able to update the time (Resumption time, grace period, and late period time) of a training venue.	<p>1. Admin can update time.</p> <p>Inputs:</p> <ul style="list-style-type: none"> - Venue Name: [Name of the venue] - Resumption Time: [New resumption time, e.g., 08:30] - Grace Period: [New grace period, e.g., 15 minutes] - Late Period: [New late period, e.g., 30 minutes] <p>Output:</p> <ul style="list-style-type: none"> - Success message: "Time settings updated successfully" - Updated time settings reflected in the database 	Admin must have a back-office role.

Most Viable Product

US-FAA-O6	Administrator	As an admin, I want to generate attendance reports for trainees and staff.	<p>1. Admin can generate attendance reports.</p> <p>Admin can search by: Date, time, training session (e.g AWS foundation, location, status (late, online), Gender)</p> <p>System would display the following output: Date, time, training session (e.g AWS foundation, location, status (late, online), Gender)</p> <p>2. Reports can be exported (PDF/CSV).</p>	Admin must have a back-office role.
US-FAA-O5	Administrator	As an admin, I want to verify trainee attendance in real-time.	<ul style="list-style-type: none"> - Admin can view attendance records in real-time. - Admin can verify trainee presence. 	Admin must have trainer/admin role.
US-FBA-O8	Administrator	As an Admin, I want to be able to update the time (Resumption time, grace period, and late period time) of a training venue.	<p>1. Admin can update time.</p> <p>Inputs:</p> <ul style="list-style-type: none"> - Venue Name: [Name of the venue] - Resumption Time: [New resumption time, e.g., 08:30] - Grace Period: [New grace period, e.g., 15 minutes] - Late Period: [New late period, e.g., 30 minutes] <p>Output:</p>	Admin must have a back-office role.

			<ul style="list-style-type: none"> - Success message: "Time settings updated successfully" - Updated time settings reflected in the database 	
US-FAA-07	Administrator	As an Admin, I want to be able to update the location (latitude and longitude) of a training venue.	<p>1. Admin can update location.</p> <p>Inputs: Venue name, New Latitude, New Longitude, Update Button</p> <p>Output: Location updated Successfully</p>	Admin must have a back-office role.
US-FAA-09	Administrator	As an Admin, I want to be able to Register and login to the application	<ul style="list-style-type: none"> - Admin can perform registration with email and password. - Admin can logout of the application. 	Admin must have a back-office role.