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.	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.	1. Email address must be unique. 2. Password must meet complexity requirements.	DONE
US-FAA-02	Trainee or Delegate	As a trainee, I want to mark my attendance using fingerprint/face recognition and location verification.	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.	1. Biometric data must match stored records. 2. Location must be within predefined academy coordinates.	DONE
US-FAA-03	Trainee or Delegate	As a Trainee, I want to able to view my attendance records in real-time.	1. Attendance records include all required details (date, time, session name, location, status). 2. Trainees can filter attendance	1. Trainee can only view their own attendance records. 2. Attendance records must be updated in real-time. 3. Attendance records must include: - Date and time of attendance	DONE

			records by date range. 3. Trainee can view attendance records for past and current training sessions.	- Training session name - Location (latitude and longitude) - Status (present/absent) 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.	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.	TO COME BACK TO THIS to implement email notification
US-FAA-05	Administrator	As an admin, I want to verify trainee attendance in real-time.	1. Admin can view attendance records in real-time. 2. Admin can verify trainee presence.	Admin must have trainer/admin role.	DONE
US-FAA-O6	Administrator	As an admin, I want to generate attendance reports for trainees and staff.	1. Admin can generate attendance reports. *Admin can search by:* Date, time, training session (e.g AWS foundation, location, status (late, online), Gender) *System would display the following output:* Date, time, training session (e.g AWS foundation, location, status (late, online), Gender)	Admin must have a back-office role.	To be implemented by Victor Candiate name to be included in report fields

			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.	1. Admin can update location. *Inputs:* Venue name, New Latitude, New Longitude, Update Button *Output:* Location updated Successfully	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.	1. Admin can update time. *Inputs:* - 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 *Output:* - 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.	1. Admin can generate attendance reports. ***Admin can search by:*** Date, time, training session (e.g AWS foundation, location, status (late, online), Gender) ***System would display the following output:*** Date, time, training session (e.g AWS foundation, location, status (late, online), Gender) 2. Reports can be exported (PDF/CSV).	Admin must have a back-office role.
US-FAA-05	Administrator	As an admin, I want to verify trainee attendance in real-time.	- 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.	1. Admin can update time. ***Inputs:*** - 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 ***Output:***	Admin must have a back-office role.

			- Success message: "Time settings updated successfully" - Updated time settings reflected in the database	
US-FAA-O7	Administrator	As an Admin, I want to be able to update the location (latitude and longitude) of a training venue.	1. Admin can update location. *Inputs:* Venue name, New Latitude, New Longitude, Update Button *Output:* Location updated Successfully	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	- Admin can perform registration with email and password. - Admin can logout of the application.	Admin must have a back-office role.