**Definition of Done**

***Group 3 - Fitness App***

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# Code Quality:

* All code changes are peer-reviewed and meet the project's coding standards.
* Code is well-commented and understandable.
* Code is checked into the version control system with meaningful commit messages.

# Testing:

* Unit tests are written for all new logic and pass with 100% coverage.
* Integration tests confirm that the authentication and profile management features work as expected.
* UI tests confirm that all pages render correctly and are responsive across supported devices.

# Performance:

* Page load times are within acceptable limits as defined by the performance benchmarks.

# Security:

* All user data is validated both client-side and server-side to prevent SQL injection and XSS attacks.
* Passwords are hashed before being stored in the database.
* Security scans are performed, and no high or critical severity issues are present.

# Documentation:

* All new functionalities are documented in the project wiki, including setup and configuration guides.
* API endpoints introduced are documented with expected inputs and outputs.

# User Acceptance:

* Features are demonstrated to the product owner, and feedback is incorporated.
* The product owner approves the sprint deliverables.
* Specific Criteria for Sprint #1 Features
* User Authentication

# Sign Up:

* Users can register using an email and password.
* Email verification is required to activate the account.
* Error messages are clear and informative for end-users (e.g., "Email already in use").

# Sign In:

* Users can log in using their email and password.
* Password reset functionality is implemented and tested.
* Sessions are managed securely with appropriate timeouts and renewals.
* Profile Management

# Personal Profile Page:

* Users can view their profile page after logging in.
* The profile page displays all relevant information (name, email, avatar).

# Edit Profile:

* Users can update their personal information including name, phone number, age, gender, weight, and goal weight.
* Users can upload and change their profile avatar. Image uploads are restricted by size and format.

# Delete Account:

* Users can delete their account through a clear and explicit process.
* Deletion is permanent and requires re-authentication and confirmation before proceeding.
* Support User Function

# Feedback/Issue Reporting:

* Users can report issues or provide feedback via a dedicated form.
* Submissions are logged and accessible to the support team.
* Firebase Integration

# Authentication Setup:

* Firebase authentication is integrated for handling user sign up and login.
* Proper error handling and feedback are provided for authentication failures.

# Firebase Storage:

* User profile images are stored in Firebase Storage with appropriate access controls.

# Data Schema Setup:

* A clear and well-defined data schema for user information is implemented in Firebase.
* Fields include: Full Name, Email, Image URL, Created Time, Phone Number, Age, Gender, Weight, and Goal Weight.