

Project Versioning

MULTIMODAL AUTHENTICATION SYSTEM

Version History

This document outlines the versioning history of the project, including the major features, bug fixes, and updates in each version. Versioning is handled using **Git** tags and commit messages.

v1.0.0 - Signup with username, email, password, and login with email and password

- **Commit ID:** a093b06
- **Description:** The initial version of the project, featuring a basic authentication system where users can sign up with a username, email, and password, and log in using their email and password.
- **Tag:** v1.0.0

v1.1.0 - Added OTP verification for email login

- **Commit ID:** 3f8a501
- **Description:** This version introduces One-Time Password (OTP) verification for email login. The system now requires an OTP sent to the user's email address to authenticate login requests.
- **Tag:** v1.1.0

v1.2.0 - Forgot password functionality with email link

- **Commit ID:** 60d321a
- **Description:** This update introduces the "forgot password" feature, allowing users to reset their passwords via an email link. This makes the system more user-friendly and secure.
- **Tag:** v1.2.0

v1.3.0 - Added face registration and login using username

- **Commit ID:** 5cd84f7
- **Description:** This version adds the functionality for face registration and login using a username. Users can now register their face and use it for login instead of a password.
- **Tag:** v1.3.0

v1.4.0 - Added fingerprint authentication for login

- **Commit ID:** 3e68c98
- **Description:** This release introduces fingerprint authentication for login, allowing users to authenticate using their fingerprints in addition to the traditional username and password method.
- **Tag:** v1.4.0

v1.4.1 - Bug fix in face registration (handling poor quality images)

- **Commit ID:** 26b7338
- **Description:** This minor update addresses a bug in the face registration process, where poor quality images were not being handled properly, resulting in failed registrations. The issue was fixed to ensure smoother registration for various image qualities.
- **Tag:** v1.4.1

v2.0.0 - Major overhaul (added multi-factor authentication or improved security)

- **Commit ID:** 59900ac
- **Description:** This release includes a major overhaul of the authentication system, adding multi-factor authentication and enhancing the overall security measures. This version ensures a higher level of protection for user accounts.
- **Branch:** master, backup-branch

Versioning Strategy

- **Semantic Versioning:** Versions follow the **Semantic Versioning** convention: MAJOR.MINOR.PATCH.
 - **MAJOR:** Changes that introduce backward-incompatible changes.
 - **MINOR:** New features or enhancements that are backward-compatible.
 - **PATCH:** Bug fixes or minor improvements that do not change the overall functionality.