# Gogle
# Use-Case Specification: User Login

**Version 1.1**

# Revision History

| Date | Version | Description | Author |
|---|---|---|---|
| 26/06/2024 | 1.0 | Document fill-ins | Le Duy Anh |
| 27/06/2024 | 1.1 | Review and modifying | Huynh Cao Tuan Kiet |
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# Table of Contents

# Use-Case Specification: User Login

## 1.  Use-Case Name: User Login
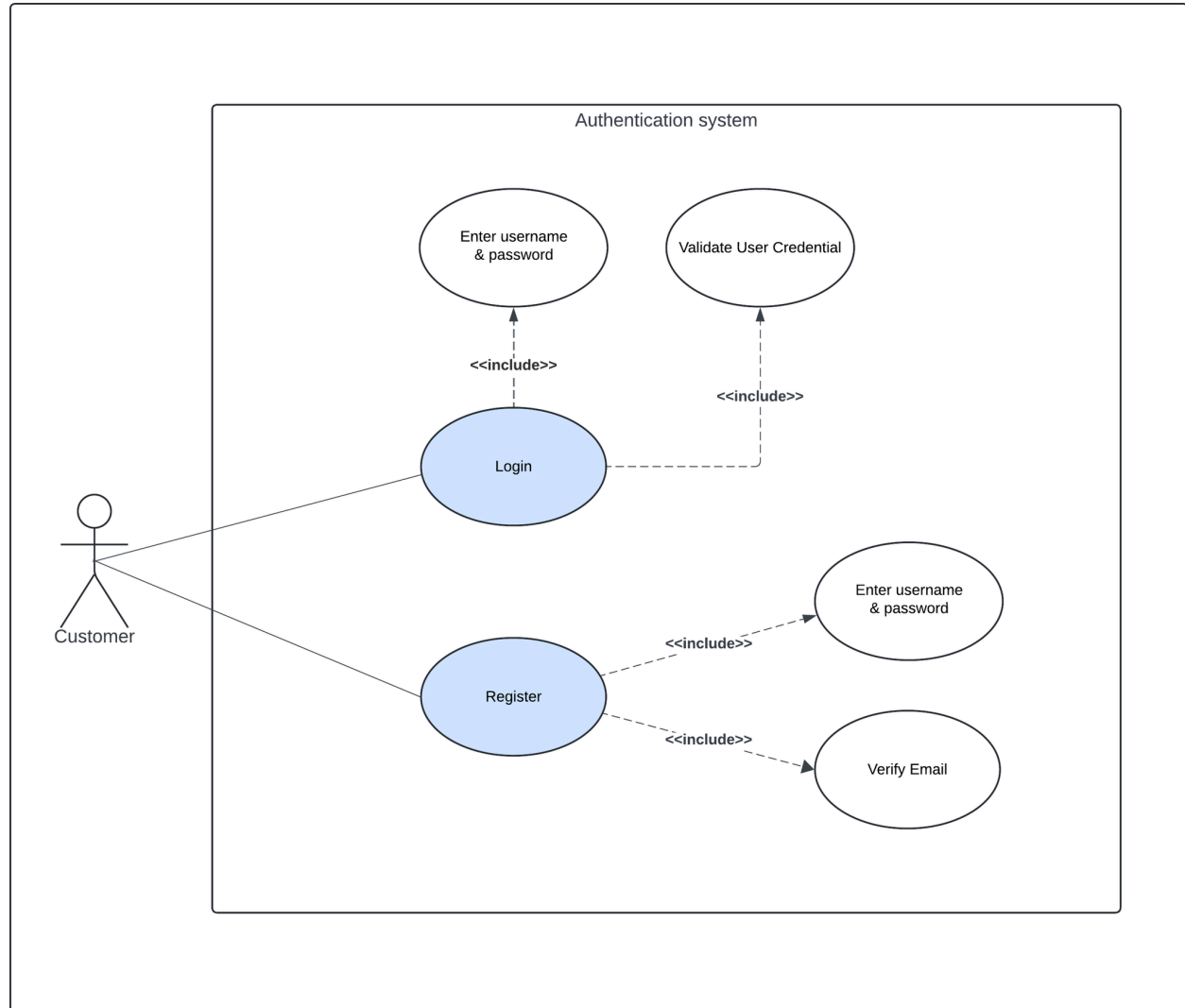


### 1.1  Brief Description

This use-case allows a user to log into the trip planning web application using their credentials.

## 2.  Flow of Events

### 2.1  Basic Flow

1.  User selects the option to log in.
2.  System prompts the user for their username/email and password.
3.  User enters their username/email and password.
4.  System validates the entered credentials.
5.  If the credentials are valid, the system logs the user in and redirects them to the dashboard.
6.  System displays a confirmation message that the user has logged in successfully.

**2.2 Alternative Flows**

*2.2.1 Invalid username/email or password.*

1. System displays an error message indicating invalid credentials.
2. User can retry entering their credentials or select the option to reset their password.

*2.2.2 Forgotten password.*

1. User selects the option to reset the password.
2. System prompts the user for their email.
3. User enters their email.
4. System sends a password reset link to the user's email.
5. User follows the instructions in the email to reset the password.
6. Continue from step 2 of the Basic Flow.

# 3. Special Requirements

- User credentials are stored securely and are encrypted.

# 4. Preconditions

- User has a registered account.
- System is connected to the internet to validate credentials.

# 5. Postconditions

- User is logged into the application.
- User's session is active and valid.

# 6. Extension Points

- Integration with third-party authentication providers (e.g., Google, Facebook).
- Multi-factor authentication (MFA) for added security.