

## **Use Case: Signing Up and Setting Up an Account**

**Iteration:** 1, Initial version.

**Primary actor:** User (New Player)

**Goal in context:**

- To allow new users to create an account and set up their profile to access the OMG platform.

**Preconditions:**

- The user has access to the OMG platform via a web browser or application.
- The user is not already registered.

**Trigger:**

- The user wants to create an account to access the platform.

**Scenario:**

1. The user navigates to the OMG platform's sign-up page.
2. The system displays a registration form requesting:
  - Username
  - Email address
  - Password
  - Date of birth (for age restrictions)
3. The user fills in the required details and submits the form.
4. The system validates the input fields and checks for:
  - Unique username and email
  - Password strength
  - Proper format for email and date of birth
5. If validation is successful, the system sends a verification email to the user.
6. The user checks their email and clicks the verification link.
7. The system confirms the email and activates the account.
8. The user logs in for the first time using their credentials.
9. The system prompts the user to set up their profile, requesting:
  - Profile picture (optional)
  - Display name
  - Game preferences (optional)
  - Privacy settings
10. The user completes the profile setup and submits the information.
11. The system saves the user's preferences and redirects them to the main dashboard.

**Exceptions:**

1. Username or email already taken—system prompts the user to choose a different one.
2. Weak password—system suggests a stronger password.
3. Email not verified—system prevents login and reminds the user to verify their email.
4. Forgot password—user can request a reset before completing verification.
5. User skips profile setup—user can proceed to the dashboard and complete setup later.

**Priority:** Moderate priority, to be implemented in early development.

**When available:** First increment.

**Frequency of use:** Frequent.

**Channel to actor:** Via web browser or application.

**Secondary actors:**

- System administrator (for account verification issues).
- Customer support (for troubleshooting account creation).

**Channels to secondary actors:**

- System administration dashboard.
- Customer support ticket system.

**Open issues:**

1. What mechanisms will be in place to prevent bots and fake accounts?
2. How can the system ensure strong password compliance without frustrating users?
3. Should the platform enforce two-factor authentication (2FA) for added security?
4. Will users have the ability to sign up using third-party authentication (Google, Facebook, etc.)?