The sprint plan for the **Art Portfolio Manager** project, focusing on delivering core functionalities iteratively. Each sprint is 2 weeks long, allowing for continuous feedback and refinement.

**Sprint 1: User Authentication & Role Management**

* **Goal**: Establish user accounts and roles (artist, collectors, companies) and build the foundation for the dashboard.

**Sprint Backlog:**

1. **Sign up/Log in functionality**
   * Users can register, log in, and log out.
   * Password hashing and secure authentication (e.g., OAuth for external providers).
   * **Acceptance Criteria**: Users can successfully register and log in, and data is securely stored.
2. **User roles implementation**
   * Role selection during sign-up.
   * Dashboard customization based on user roles.
   * **Acceptance Criteria**: Users can select a role, and the dashboard displays options based on the role.
3. **Dashboard skeleton setup**
   * Set up a basic, responsive dashboard UI for role-based navigation.
   * **Acceptance Criteria**: Main dashboard UI loads properly and is accessible after login.

**Deliverables:**

* Basic login/sign-up system.
* Role-based dashboard navigation.

**Sprint 2: Artwork Management (Part 1)**

* **Goal**: Enable users to upload artwork and manage basic metadata like titles, descriptions, and categories.

**Sprint Backlog:**

1. **Artwork upload (images)**
   * Support for JPEG, PNG, and SVG formats with file size limits.
   * **Acceptance Criteria**: Users can upload images, and they appear in their profile.
2. **Metadata management**
   * Add/edit titles, descriptions, and tags to uploaded artwork.
   * **Acceptance Criteria**: Metadata is saved and visible in the artwork overview.
3. **Organize into categories/collections**
   * Allow users to create categories/collections and assign artwork.
   * **Acceptance Criteria**: Users can create categories, and artwork is correctly assigned.

**Deliverables:**

* Artwork upload functionality.
* Metadata and collection management for uploaded work.

**Sprint 3: Portfolio Creation**

* **Goal**: Implement the ability to create portfolios with pre-made templates and export/share them.

**Sprint Backlog:**

1. **Portfolio creation**
   * Users can create portfolios, add artwork, and organize it.
   * **Acceptance Criteria**: Users can arrange artwork into a portfolio, save it as a draft, or publish it.
2. **Pre-made templates**
   * Provide a few customizable templates for portfolio design.
   * **Acceptance Criteria**: Templates load correctly, and users can add their content.
3. **Export/share portfolio links**
   * Generate shareable links for portfolios.
   * **Acceptance Criteria**: Users can generate a link, and the shared portfolio is displayed correctly.

**Deliverables:**

* Portfolio creation and customization with templates.
* Shareable portfolio links.

**Sprint 4: Search & Filter Features**

* **Goal**: Implement search and filter functionality for profiles and artwork.

**Sprint Backlog:**

1. **Search artwork and profiles**
   * Search functionality for titles, descriptions, and profiles.
   * **Acceptance Criteria**: Search returns accurate results.
2. **Filter artwork by medium, date, tags**
   * Allow users to apply filters when viewing portfolios.
   * **Acceptance Criteria**: Filters work properly and adjust displayed results.

**Deliverables:**

* Functional search and filtering system.

**Sprint 5: Multimedia & Collaboration**

* **Goal**: Add support for videos and collaboration features.

**Sprint Backlog:**

1. **Video support for portfolios**
   * Allow users to upload videos into portfolios.
   * **Acceptance Criteria**: Videos are uploaded and playable.
2. **Collaboration on portfolios**
   * Users can invite others to collaborate on a portfolio.
   * **Acceptance Criteria**: Invitations are sent, and collaborators can edit portfolios.

**Deliverables:**

* Video upload/playback functionality.
* Basic collaboration features.

**Sprint 6: Notifications & Comments**

* **Goal**: Implement notification and commenting systems to enhance interactivity.

**Sprint Backlog:**

1. **Comment system**
   * Allow users to comment on portfolios.
   * **Acceptance Criteria**: Comments are saved and displayed correctly.
2. **Notification system**
   * Basic notifications for portfolio updates, comments, and invites.
   * **Acceptance Criteria**: Users receive notifications for key actions.

**Deliverables:**

* Commenting functionality.
* Notification system integrated with key actions.

**Sprint 7: Final Features & Polish**

* **Goal**: Finalize the platform with bug fixes, UI refinements, and future-planned features.

**Sprint Backlog:**

1. **Social media integration** (*optional for now*)
   * Simple sharing links to social platforms.
   * **Acceptance Criteria**: Users can share portfolios via social media.
2. **Mobile UI considerations**
   * Ensure the app is mobile-friendly or responsive.
   * **Acceptance Criteria**: UI elements display well on mobile devices.
3. **Bug fixes and final polish**
   * Address any bugs or feedback from previous sprints.

**Deliverables:**

* Mobile-responsive design.
* Basic social sharing links.