Project Plan: MVP Builder Web Application

### Phase 1: Project Initiation

Objective: Define project goals, requirements, and initial setup.

#### Project Kick-off:

Define the project's vision, objectives, and success criteria.

Identify key stakeholders and team members.

#### Market Research:

Analyze the target market and identify competitors.

#### Technology Selection:

Finalize the technology stack and tools to be used.

Choose and set up the boilerplate/template.

#### Project Setup:

Create a version control repository (e.g., Git).

Set up the development, staging, and production environments.

### Phase 2: Planning and Design

Objective: Plan the project in detail and design the architecture.

#### Requirements Gathering:

Document detailed functional and non-functional requirements.

Define user stories or use cases.

#### Database Schema Design:

Design the database schema for MVPs, collections, users, forms, and permissions.

#### API Design:

Define the API endpoints and data models for CRUD operations.

Plan user authentication and authorization.

#### UI/UX Design:

Create wireframes and design mockups for the user interface.

Establish design guidelines.

### Phase 3: Development

Objective: Implement the core features of the MVP builder application.

#### User Authentication:

Implement user registration, login, and authentication using JWT.

#### MVP Creation Module:

Develop the functionality to create, manage, and customize MVPs.

#### MVP Forms and Collections:

Implement MVP forms and collection management.

#### User Collaboration:

Integrate real-time collaboration features using WebSockets (e.g., Socket.io).

#### Custom Views and Components:

Build the view customization module with predefined components.

#### Phase 4: Testing

Objective: Ensure the application is stable and secure.

#### Unit Testing:

Write unit tests for components and functions.

#### Integration Testing:

Conduct integration tests to ensure different parts of the application work together.

#### User Acceptance Testing (UAT):

Involve users or stakeholders to test the application and provide feedback.

#### Security Testing:

Perform security testing to identify and address vulnerabilities.

#### Phase 5: Deployment and Launch

Objective: Prepare for production deployment and launch.

#### Deployment Preparation:

Configure production settings and environment variables.

#### CI/CD Setup:

Set up continuous integration and continuous deployment pipelines.

#### Monitoring and Logging:

Implement monitoring and logging solutions for production.

#### Documentation:

Create user guides, code documentation, and API documentation.

#### Launch and Deployment:

Deploy the application to a production environment.

Make the MVP builder platform accessible to users.

### Phase 6: Post-Launch and Growth

Objective: Continuously improve the application and attract users.

#### User Feedback Collection:

Gather user feedback and bug reports.

#### Iteration and Improvement:

Address issues and improve the application based on user feedback.

#### Marketing and Promotion:

Plan and execute marketing and promotion strategies.

#### Scaling and Optimization:

Monitor performance and scalability, making necessary optimizations.

#### Long-Term Planning:

Plan for long-term maintenance and expansion of the platform.