

# Clone & PWA Setup Command (Laravel 12)

## Overview

This command automates cloning your Laravel project, generating APP\_KEY, running migrations & seeders, setting up storage link, and optionally preparing a basic PWA setup.

---

## Command

```
php artisan app:clone-pwa-setup [options]
```

## Options

| Option               | Description   |
|----------------------|---|
| <code>--force</code> | Force run migrations, seeders, and storage link even if already exists. |
| <code>--fresh</code> | Drop all tables and rerun migrations.                                   |
| <code>--pwa</code>   | Setup a basic PWA manifest and service worker.                          |

## Examples

- Run setup normally:

```
php artisan app:clone-pwa-setup
```

- Force run migrations and seeders:

```
php artisan app:clone-pwa-setup --force
```

- Drop all tables and start fresh:

```
php artisan app:clone-pwa-setup --fresh
```

- Setup with PWA files:

```
php artisan app:clone-pwa-setup --pwa
```

- Combine options:

```
php artisan app:clone-pwa-setup --fresh --pwa
```

---

## Features

1. Ensures `.env` exists and copies from `.env.example` if missing.
2. Generates `APP_KEY` automatically.
3. Runs migrations and optionally fresh migrations.
4. Seeds `AdminSeeder` and `DatabaseSeeder`.
5. Creates `storage` symbolic link if not exists or forced.
6. Optional PWA setup including `manifest.json` and `service-worker.js`.
7. Clears all caches (`config`, `route`, `cache`, `view`) and optimizes.

---

## File Locations

- **Command:** `app/Console/Commands/CloneAndPWASetup.php`
- **PWA Files** (if `--pwa` option used):
  - `public/manifest.json`
  - `public/service-worker.js`

---

## Superadmin Default Login

| Email             | Password |
|-------------------|----------|
| admin@example.com | password |

---

## Notes

- Recommended to run `--fresh` only on development environments.
- Always backup your database before running fresh migrations in production.
- The PWA setup is basic; customize `manifest.json` and `service-worker.js` as needed.

---

## Future Enhancements

- Add automatic cloning of Laravel core for multi-project setup.
- Integrate PWA offline caching strategy.
- Optionally add multi-tenancy support with `stanc1/tenancy`.
- Expand seeders for default roles, permissions, and initial data.