# **Purpose**

This document outlines the strategy for deploying the Developer Best Friend web application leveraged by the Laravel framework. The Developer Best Friend web application functions as a central point of access to core functional tools allowing developers to retrieve readily available data to expedite the release of web applications.

# **Scope**

The initial deployment effort applies exclusively to the following components:

* Lorem Ipsum Generator
* Profile Maker
* Chmod Cruncher
* XKCD Password Generator

# **Tools and Resources**

* Composer
* Git and GitHub
* XAMPP v3.2.1 or greater - development
* Digital Ocean (droplet) – production
* Laravel 5.1 or greater
* Bootstrap v3.3.5 - getbootstrap.com
* Depositphotos.com
* FontAwesome V3.2.1 - fortawesome.github.io

# **Requirements and Risk Scenarios**

MVP Minimum Viable Product (core features for go live)

Non-MVP (Non-Minimum Viable Product)

|  | Requirement | Description | Category (MVP) |
| --- | --- | --- | --- |
| **ID** | **Home Page** |  |  |
| ID-1 | Intro (text/html) | Describe the intent of the web app | MVP |
| ID-2 | Background (image/jpg) | Background image | MVP |
| ID-3 | Nav. Icons (FontAwesome) | Need navigation icons for the following:   * **Dashboard (MVP)** * **Lorem Ipsum Generator (MVP)** * **Profile Maker (MVP)** * Chmod Cruncher * XKCD Password Generator | MVP |
| ID-4 | Dashboard | Return user to the main (home) page | MVP |
| ID-5 | LIG (lorem Ipsum Gnerator)  Form | Form must contain the following:  Label => “How many paragraphs do you want?”  Text => text box to enter number of paragraphs  Submit => submit button | MVP |
| ID-6 | LIG  Landing page | Landing page to generate the paragraphs returned by the number entered by the user | MVP |
| ID-7 | PRM (Profile Maker) – Form | Form must contain the following:  Label => “How many users?”  Text => text box to enter number of users  Checkbox => to generate birthday  Checkbox => to generate profile information  Submit => submit button | MVP |
| ID-8 | PRM  Landing page  User name (text/html)  User main photo (image/jpg)  User about (text/html)  User email | Landing page to generate the user information:  User name  Profile image  About the user  User email | MVP |
| ID-9 | Chmod Cruncher (CHC)  Form | Form must contain the following:  Unix Permissions  Label => Owner permissions  Checkbox => Read  Checkbox => Write  Checkbox => Execute  Label => Group permissions  Checkbox => Read  Checkbox => Write  Checkbox => Execute  Label => Public permissions  Checkbox => Read  Checkbox => Write  Checkbox => Execute  Submit => submit button | NON-MVP |
| ID-10 | CHC  Landing Page | Display permissions | NON-MVP |
| ID-11 | XKCD Password Generator  (XKCD)  Integration | Integrate the XKCD Password Generator from P2. | NON-MVP |
|  |  |  |  |

# **Technical Specification**

**5.1 Route Plan**

|  |  |  |
| --- | --- | --- |
| **Purpose** | **Method** | **URI** |
| Homepage | GET | / |
| Show Dashboard | GET | / |
| Show Lorem Ipsum Generator - LIG | GET | /lig/generate |
| Process form - LIG | POST | /lig/generate |
| Show Profile Maker – PRM | GET | /prm/generate |
| Process form - PRM | POST | /prm/generate |
| Show Chmod Cruncher – CHC | GET | /chc/generate |
| Process form – CHC | POST | /chc/generate |
| Show XKCD Password Generator – XKCD | ANY | /xkcd/generate |

**5.2 View Plan**

TBD

**5.3 Controllers**

TBD

# **Revision History**

|  |  |
| --- | --- |
| Version-No.: | Change Reason |
| 001 | First revision has been created. |