Developer's Best Friend

# Planning Doc

# App Title

Developer's Best Friend

# Description

Developers Best Friend is a web application used for some developer friendly utilities which include:

1. **Lorem Ipsum Generator**:
2. A **Random User Generator**

Time permitting, this application may also include A XKCD Style Password Generator, a Linux Permissions Calculator, and a contact page.

# Essential features

* Generate lorem ipsum text based on user input.
* Randomly generate some users based on user input

# Non-Essential features

* Ability to generate a XKCD style password
* Ability to calculate permissions
* Give a user ability send a message.

# 

# To do

[ ] Setup

[ ] Create app

[ ] Version control in Github

[ ] Deploy to production server

[ ] Set up subdomain p3.guddi.ca

[ ] Homepage

[ ] Welcome/intro note

[ ] Logo/Company Name

[ ] Link to Lorem Ipsum Generator

[ ] Link to Random User Generator

[ ] Link to XKCD Style Password Generator

[ ] Link to Permissions Calculator

[ ] Link to Contact Me page

[ ] Lorem Ipsum Generator

[ ] Form for User Input

[ ] Generated Lorem Ipsum Text

[ ] **Random User Generator**

[ ] Form for User Input

[ ] List of Generated Users

[ ] XKCD Style Password Generator

[ ] Form for User Input

[ ] Generated Password

[ ] Permissions Calculator

[ ] Form for User Input

[ ] Generated Permissions

[ ] Contact Me

[ ] Form for User Input

[ ] Status Message

[ ] Finalize

[ ] Test all features

[ ] Observe someone else use the application

[ ] Validate, spell check

# Route Plan

(**Note:** None of the object is resource or entity. That’s why we did/could not follow the conventions.)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Purpose** | **Method** | **Route Name** | **Action** | **URI** |
| Homepage | GET | page.home | index | / |
| Show form to input options for lorem Ipsum | GET | page.loremIpsum | index | /lorem-ipsum |
| Process form to generate lorem ipsum | POST | page.loremIpsumPost | create | /lorem-ipsum |
| Show form to input options to generate random users | GET | page.randomUser | index | /random-user |
| Process form for to generate random users | POST | page.randomUserPost | create | /random-user |
| Show form to input options to generate xkcd style password | GET | page.randomPassword | index | /random-password |
| Process form to generate xkcd style password | POST | page.randomPasswordPost | create | /random-password |
| Show form to input options to calculate permissions | GET | page.permissionCalculator | index | /permission-calculator |
| Process form to calculate permissions | POST | page.permissionCalculatorPost | create | /permission-calculator |
| Show form to input user information and message | GET | page.contact | index | /contact |
| Process form to send message | POST | page.contactPost | create | /contact |
|  |  |  |  |  |