README v0.0 / 21 MARCH 2018

**#RajBlock**

##Introduction

The project, RajBlock, *aims to bypass the problem of handling important documents in a tightly secured environment* where there is no chance of hacking and immutability.   
  
The project introduces a newer dimension by adding **Blockchain** (Our Theme) to the problem, and thus providing *a key to every user for referencing their important documents. The project tries to solve the problem of centralised servers which are prone to attack.*   
  
The project may seem similar to RajVault (a Rajasthan Government’s initiative) but the problems they tackle are far different and fare more adding to the scope of the project.

##Usage

The platform provides unique key to every individual on the network and is to be maintained by the user itself.   
  
1) The certificates and important documents are uploaded by the government rather than the individual ths adding authenticity to the clause.

2) Also, for background checks, a large company hires a 3rd party organization to do the background checks. They cost ₹500 per person or more so. So that would cost around ₹2,50,000. To avoid that, the company can itself check it on the platform with just the key of the individual.

3) The platform will be maintained by the government.

4) Also, the ability to just store our data on blockchain that stays for eternity is one of a kind.

5) The data would stay secured on the platform powered by the blockchain.

This project was generated with [Angular CLI](https://github.com/angular/angular-cli) version 1.7.1.

(To check the version of Angular CLI in your project, use “ng --version”)

## Development server

Run ng serve for a dev server. Navigate to http://localhost:4200/. The app will automatically reload if you change any of the source files.

## Code scaffolding

Run ng generate component component-name to generate a new component. You can also use ng generate directive|pipe|service|class|guard|interface|enum|module.

## Build

Run ng build to build the project. The build artifacts will be stored in the dist/ directory. Use the -prod flag for a production build.

## Running unit tests

Run ng test to execute the unit tests via [Karma](https://karma-runner.github.io/).

## Running end-to-end tests

Run ng e2e to execute the end-to-end tests via [Protractor](http://www.protractortest.org/).

## Further help

To get more help on the Angular CLI use ng help or go check out the [Angular CLI README](https://github.com/angular/angular-cli/blob/master/README.md).

##Contributing

Git Repo and how to clone

##Help

For any queries regarding the project, you can reach out to any of the person mentioned in ##Credit section

##Installation

Prerequisites

Install NPM

-> Use the following link to download and Install -

<https://www.npmjs.com/package/download/>

NodeJS

-> Use the following link to download and Install

<https://nodejs.org/en/download/>

and Mongo

-> Use the following link to download and Install

<https://www.mongodb.com/download-center#atlas/>

###Requirements

Operating system - Win 7 or above / Linux

RAM - 500MB

###Installation

Clone the repository into your local system and then enter into the *app-folder*.

Say app name is *“mean-app”*,

then

*cd mean-app*

Then =>*npm install*

=>*npm run build*

Application will be running at <http://localhost:8000>.

##Credits

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##Contact

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