**PROJECT PLAN DOCUMENT**

**(Due: 17th September, 2017)**

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| --- | --- |
| Project number | 25 |
| Project Title | Paymatrix's Rental Agreement REST API and smart contracts (Blockchain) |
| Document | Project Plan |
| Creation date | 15-09-18 |
| Created By | Vishwath Reddy , Aditya Khandelwal |
| Client | Muralidhar Nayak |

# **Brief problem statement**

The project is mainly based on Rental Agreements .

It involves providing the owner of the property with an interface for creating dynamic forms and then giving the prospective renters an interface to fill and submit the same. It also handles the financial transactions and provides a final pdf of the agreement to the parties involved. We have to create Dynamic forms and work mainly on API usingLaravel framework and VueJS.We will be using blockchain technology for keeping ledger not the traditional databases so as to be as secure as possible.

# **Team Members**

Kartik Gupta - Fontend

Vishwath Reddy - Fontend

Aditya Khandelwal - Backend,Blockchain

Sai Dinesh Bijam - Backend

# **Team Communication**

Our team and client team will meet every monday evening.

We Communicate with each other through whatsapp and with client in mails.

# **Development Environment**

**Back-end:** Laravel Framework for PHP

**Front-end:** Vue.js (CLI3) Framework for JavaScript, HTML, CSS

**Architecture:** REST API

**Database:** MySQL

# **Milestone Schedule**

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| --- | --- | --- | --- |
| **Milestone** | **Due Date** | **Release** | **Deliverable?** |
| *Create draft requirements* | 13/08/18 | R1 | No |
| *Finalize Requirements* | 28/08/18 | R1 | Yes |
| *Vue.js Drag and Drop proof of concept* | 10/09/18 | R1 | No |
| *Vue.js Drag and Drop Dynamic Form* | 16/09/18 | R1 | Yes |
| *Laravel integrated Dynamic Forms* | 20/09/18 | R1 | Yes |
| *Rendering Dynamic Form* | 20/10/18 | R2 | Yes |
| *Creating a PDF based on the Form* | 27/10/18 | R2 | Yes |