**Legitt Electionns (Online voting System)**

**Reg no: SCCJ/1434/2019**

**IBL 3301 System Development Lab Assignment**

**PROJECT SCOPE**

October 27, 2022

**Overview**

1. **Project Background and Description**

Legitt elections is a platform that allows registered users to conduct voting processes online,follow up on the whole tallying process and view live results online.Due to the recent challenges in election being nallifieddue to lack of transparency,this plaform provides a solutionand transparency in the whole electral process ensuring integrity in each stage of the process.Its main goal is to simplify the proces and enable voters to vote without physically having to travel to polling stations.

1. **Scope**

The Web application should be applicable to all relevant smart devices that have internet access. Each Member and Management user should be able to gave access to the application using. Smartphones and Smart devices e.g ipad, Laptops and Desktops

1. **Modules**

|  |  |  |
| --- | --- | --- |
| **Membership module** | **Provided** | **Access** |
| Registration and Login | Yes | Member and Management |
| Capture and record voters details | N/A | Management |
| Casting relevant votes | Yes | Management and Member |
| View candidate history | Yes | Management and Member |

|  |  |  |
| --- | --- | --- |
| **Histories module** |  |  |
| Candidate details view | N/A | Member and Management |

1. **The Affected**

|  |  |
| --- | --- |
| **Parties** | **Processes** |
| Management | Member registration |
| Members | voting status Enquiries |
|  | Viewing tallying process |
| Candidates | Update history details |

1. **High Level Requirements**

It will be a web based application with availability to access by internet capable devices

The Application will:

1. Allow any new voter Registration.

2. Provide live database and interface for viewing the tallying process.

3. Enable voters to read a brief history of their candidates.

4.Allow voters and candidates to vote for their prefered candidates

1. **Deliverables**

* Low fidelity prototype showcasing design
* Flow Charts
* High fidelity Prototype
* Technical and Specification documentation
* Member’s responsive web based application accessible.

1. **Exclusions**

Integration with active/existing live systems if any.

Direct connections with government databases eg huduma number and ID.

1. **Implementation Plan**

There will be an initial low fidelity Prototype to provide the designer with mental model of the project. Once the 1st prototype is done an iteration of Evaluation and testing will be done on the different phases of the Prototype development.

This goes hand in hand with the throwaway prototype that will be used to achieve the final product. Which will now usher in the presentation of the high fidelity prototype.

1. **Schedule**

|  |  |  |
| --- | --- | --- |
| **Date** | **Description** | **Comments** |
| 22/10/22 – 27/10/22 | Specification documentation | Completed |
| 26/10/22 – 27/10/22 | Flow charts | Completed |
| 26/10/22 – 27/10/22 | Low fidelity prototype Design |  |
| 27/10/22 – 31/10/22 | Creation of first Login and Registration Page |  |