**Installation Guide for Node.js and Express.js of**

**E-Voting System**

**Prerequisites**

* Node.js (Download from [nodejs.org](https://nodejs.org/))
* MySQL Database

**Required Packages**

Install the following dependencies:

“npm install express mysql2 body-parser path cors”

**Installation Steps**

**1. Clone the Repository**

git clone -

**2. Initialize Node.js Project**

npm init -y

**3. Install Dependencies**

npm install

**4. Configure Database**

* Create a MySQL database named evoting.
* Create the necessary tables using the following SQL commands:

CREATE DATABASE evoting;

USE evoting;

CREATE TABLE verified\_voters (

aadhar\_number VARCHAR(20) PRIMARY KEY,

account\_address VARCHAR(255) NOT NULL

);

CREATE TABLE voting\_state (

state VARCHAR(20) NOT NULL

);

CREATE TABLE registration (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(100) NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL

);

CREATE TABLE adminlogin (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(100) UNIQUE NOT NULL,

password VARCHAR(255) NOT NULL

);

CREATE TABLE candidateregister (

candidate\_id VARCHAR(50) PRIMARY KEY,

name VARCHAR(100) NOT NULL,

party VARCHAR(100) NOT NULL,

age INT NOT NULL,

qualification VARCHAR(100) NOT NULL

);

CREATE TABLE votes (

id INT AUTO\_INCREMENT PRIMARY KEY,

candidate\_id VARCHAR(50),

candidate\_name VARCHAR(100),

party VARCHAR(100),

aadhar\_number VARCHAR(20),

account\_number VARCHAR(255),

FOREIGN KEY (candidate\_id) REFERENCES candidateregister(candidate\_id)

);

* Update database credentials in the db configuration inside server.js.

**5. Run the Server**

node server.js

**6. Access the Application**

* Open the browser and navigate to:

http://localhost:3000