UNIVERSITEIT VAN PRETORIA
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Denkleiers • Leading Minds • Dikgopolo tša Dihlalefi

2017 COS 301 Project
Dev Manual

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J3NS

Contents

1   Introduction

This is the user manual for installing and setting up the project management system for J3NS.This manual contains instructions on how to download and install the server and database. This manual will also give you a basic understanding for how to create new employees and create projects.

This manual will currently not show you how to use the entire system because the system is still in pre-alpha

2   Installation

2.1   Installing MongoDB

- Go to `https://www.mongodb.com/download-center#community` and download MongoDB for your respective operating system.

- Install MongoDB (It will probably be installed in ProgramFiles/Mongo)

2.2   Starting MongoDB

2.2.1   For Windows

- Open command prompt

- Type *cd /*

- Then navigate to the bin folder in the Mongo folder
  (usually is *cd C:/Program Files/MongoDB/Server/3.2/bin*)

  Type *mongod*. MongoDB will now be running.

- **Since our system is in pre-alpha we do not have an importable database as we are still doing testing and the database still contains dummy data therefore the DB you will be using is empty.**

2.3   Installing NodeJS

- Go to `https://nodejs.org/en/download/` and download NodeJS for your respective operating system.

- Install NodeJS

2.4   Installing dependencies

- Go to `https://github.com/Code9Developers/Back-End` and click on the **Clone or Download** button, then click download ZIP to download our repo.

- Unzip the repo and place it in a location that you would like to keep the system.

- Open command prompt (assuming windows) and navigate to the repo until you in the folder with the package.json

- Then type *npm install*. This will install all the packages required to run the system.

2.5   Starting the server locally

- After all the packages are installed, type ***npm run dev***.This will start the server (assuming MongoDB is still running).

- The server will now let you now that it is connected to the database and you can access the website on port 4000.

- To access the website type ***https://localhost:4000***

2.6   Starting the server online

- Visit: Code 9 https://code9devs.me/

- Follow our virtual demo: Virtual Demo Doc.pdf.

3   Creating test data

- Deleting any test employees to start from scratch: `https://code9devs.me/remove_all_test_employees`

- Deleting any past projects to start from scratch: `https://code9devs.me/remove_past_projects`

- Creating new test employees: `https://code9devs.me/create_all_test_employees`

- Creating new test projects: `https://code9devs.me/create_past_projects`

- Creating an employee with each role to login to, so each functionaility can be tested: `https://code9devs.me/creat_test_data`