Install Document

# Setup

These instructions only have to be run once, on the initial set-up

1. Prerequisites
   1. Git command line is installed and you are logged in
   2. You have a GitHub account
   3. You have read access to the [app](https://github.com/hiddentemple/4360techproject) and the [interfaces](https://github.com/hiddentemple/api-interfaces)
   4. You have node version 12.18.3 installed locally
      1. Recommended way to manage multiple versions of node: [nvm](https://github.com/nvm-sh/nvm)
2. Clone Repositories
   1. In the directory you would like the code to live in, referred to as the working directory from here on out:
   2. Clone:
      1. git clone <https://github.com/hiddentemple/4360techproject.git>
3. Create install token
   1. Navigate to github
   2. In the upper-right corner of any page, click your profile photo, then click Settings.
   3. Make sure you have a **Public email** set under **Profile** tab
      1. Graphical user interface, text, application, email

         Description automatically generated
   4. In the left sidebar, click **Developer settings**.
   5. In the left sidebar, click **Personal access tokens**.
   6. Generate a new token
      1. Give it a name and description
      2. Make sure all these boxes are checked:
         1. A picture containing graphical user interface, application

            Description automatically generated
      3. Click **generate token**
      4. **MAKE SURE TO COPY THE TOKEN, ONCE YOU NAVIGATE OFF THE PAGE YOU WILL NOT BE ABLE TO SEE THE TOKEN AGAIN**
   7. Set system environment variables
      1. Mac/Linux
         1. Edit your rc file (.zshrc or .bashrc for zShell or Bash respectively)
         2. Add:
            1. export NPM\_TOKEN=<token from step 3>
         3. Note: any active terminals will have to be restarted
4. Install global CLIs
   1. npm install -g @angular/cli:10.1.1
   2. npm install -g @nestjs/cli:7.0.0
      1. If either of throw permission errors, you will need to add sudo

# Install instructions

These instructions should be run every single *release cycle*

1. Pull most recent
   1. cd <working directory>
   2. git checkout <release-branch>
      1. substitute <release-branch> with the branch the dev team specified
   3. git pull
      1. if any merge conflicts found, contact dev team
2. Install Dependencies
   1. API
      1. cd pb-crm-api
      2. npm install
   2. UI
      1. cd ../pb-crm-ui
      2. npm install

# Run Instructions

These instructions detail how to run the applications

1. Start API
   1. cd <working directory/pb-crm-api
   2. npm run start:dev
2. Start UI
   1. cd <working directory>/pb-crm-ui
   2. ng serve
3. Navigate to <http://localhost:4200>