

Developer user guide

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1 Cloning application

- **Clone with HTTPS**

- To clone the repository and run locally, first the user must have a valid github account
- Log in to personal github account
- Naviagte to the repository home *https : //github.com/willissa2121/library_checkout_proj_3*
- Click the large green *Clone* button
- Select Clone with HTTPS
- Copy the url
- Open terminal on local machine
- navigate to the directory you want to clone the repo to
- type the following command into your terminal
- `git clone <copied url >`
- the repo will clone the directory
- To enter the directory, type the following command
- `cd library_checkout_proj_3`

2 Running application

- **Run UI standalone**

- To run the UI standalone, navigate to the UI directory
- `cd project - ui`
- Install dependencies and run start script
- `npm install`
- `npm run start`
- The UI should start in standalone mode as a dev server on localhost:8080

- **Run full application**

- **Pre-requisites**

- * Node installed (12x or later)
- * NPM package library configured
- * Maven installed
- * Postgres DB server installed and running on port 5000

- **Run Locally**

- To run the full application, navigate to the root directory
- Install all dependencies of all sub projects
- Maven update project
- Maven build project
- To run the application once all dependencies are installed, run the LibraryMain Class
- The application will server to *localhost* : 8080
- The UI will no longer be reactive to change, as it is built and not server as a dev server