

Setup & Installation

Prerequisites

- IntelliJIdea (IDE, easy run)
- Java JDK 17+
- SpringBoot
- PostgreSQL (Running on port 5432)
- Node.js & npm (For Frontend)
- Python (frontend Server)

Run Application

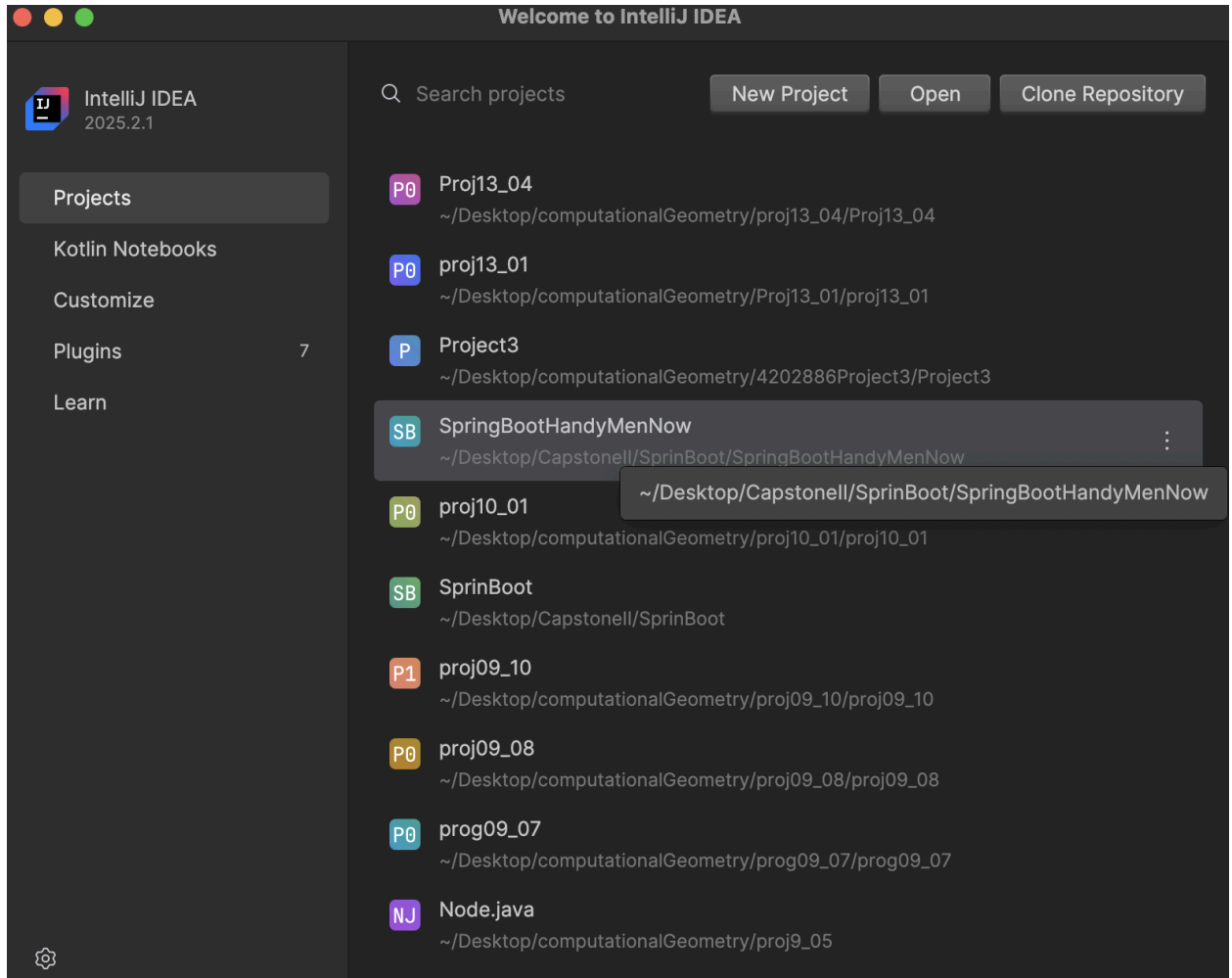
1. Clone the repository or download files.
2. Make sure you know where you saved the files.
3. Open application in IntelliJIdea
4. Make sure Python is installed in the PATH variable, or you know how to use python environments.
5. Navigate to the SprinBoot/SpringBootHandyMenNow/src/main/resources/static Folder in your terminal.

```
[(base) pedrovillegas@Pedros-MacBook-Air Desktop % cd CapstoneII
[(base) pedrovillegas@Pedros-MacBook-Air CapstoneII % ls
Backlog Grooming Meeting 5.pdf
DailyScrum(11-03).pdf
DailyStandup
FormSubmittalScreenshots
HandyMenNowScreenShots
Please_DocuSign_ferpa-form2.pdf
Screenshot 2025-11-24 at 6.37.25 PM.png
Screenshot 2025-11-25 at 6.53.00 PM.png
ScreenshotsHandyMenNow
SprinBoot
Sprint Planning Meeting 7.pdf
Sprints
Videos
[(base) pedrovillegas@Pedros-MacBook-Air CapstoneII % cd SprinBoot
[(base) pedrovillegas@Pedros-MacBook-Air SprinBoot % ls
firstSpring      SpringBootExamples      SpringBootHandyMenNow
[(base) pedrovillegas@Pedros-MacBook-Air SprinBoot % cd SpringBootHandyMenNow
[(base) pedrovillegas@Pedros-MacBook-Air SpringBootHandyMenNow % ls
build            gradlew          src
build.gradle.kts  gradlew.bat
gradle           settings.gradle.kts
[(base) pedrovillegas@Pedros-MacBook-Air SpringBootHandyMenNow % cd src
[(base) pedrovillegas@Pedros-MacBook-Air src % ls
main  test
[(base) pedrovillegas@Pedros-MacBook-Air src % cd main/resources
[(base) pedrovillegas@Pedros-MacBook-Air resources % ls
application.properties  static
[(base) pedrovillegas@Pedros-MacBook-Air resources % cd static
[(base) pedrovillegas@Pedros-MacBook-Air static % ls
```

6. In the static folder type, # Python 3 python -m http.server 5500 and press enter on keyboard. This launches the frontend server.

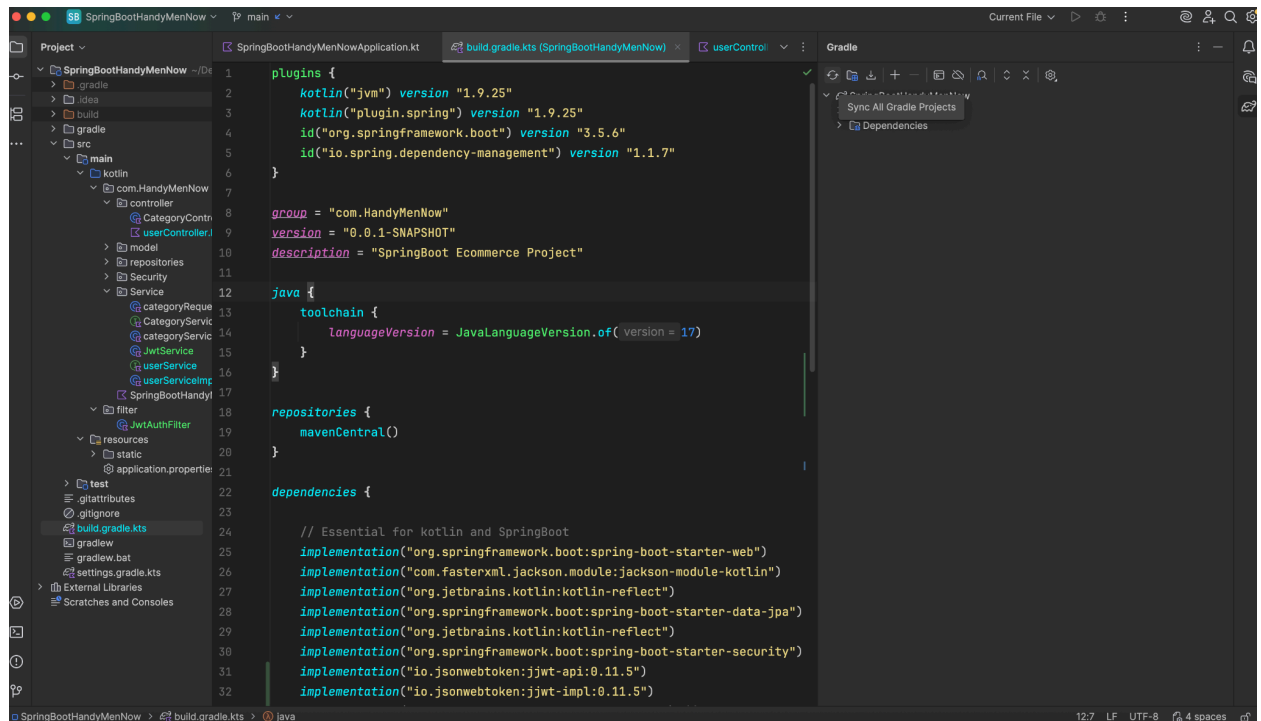
```
((base) pedrovillegas@Pedros-MacBook-Air static % python -m http.server 5500  
Serving HTTP on :: port 5500 (http://[::]:5500/) ...
```

7. 7. Once the frontend server is running, go to IntelliJ IDEA.

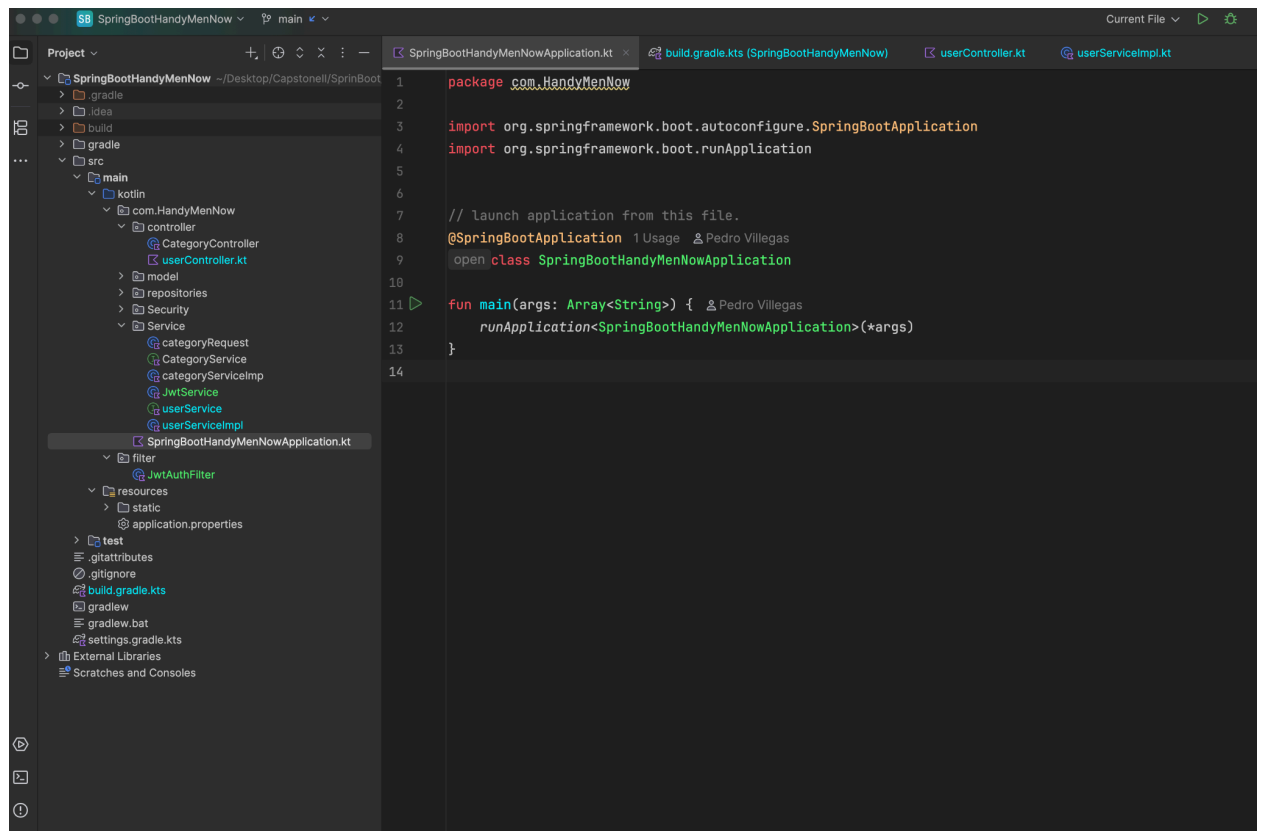


8. In IntelliJ IDEA open the file, SprinBoot/SpringBootHandyMenNow/build.gradle.kts
Once opened, in the right hand of the screen there will be a little button with an Elephant icon. Labeled Gradle.
9. Click on the gradle icon, a little window should showup. In that little window, at the top left, there is a sync button, it looks like two arrows pointing in the direction of

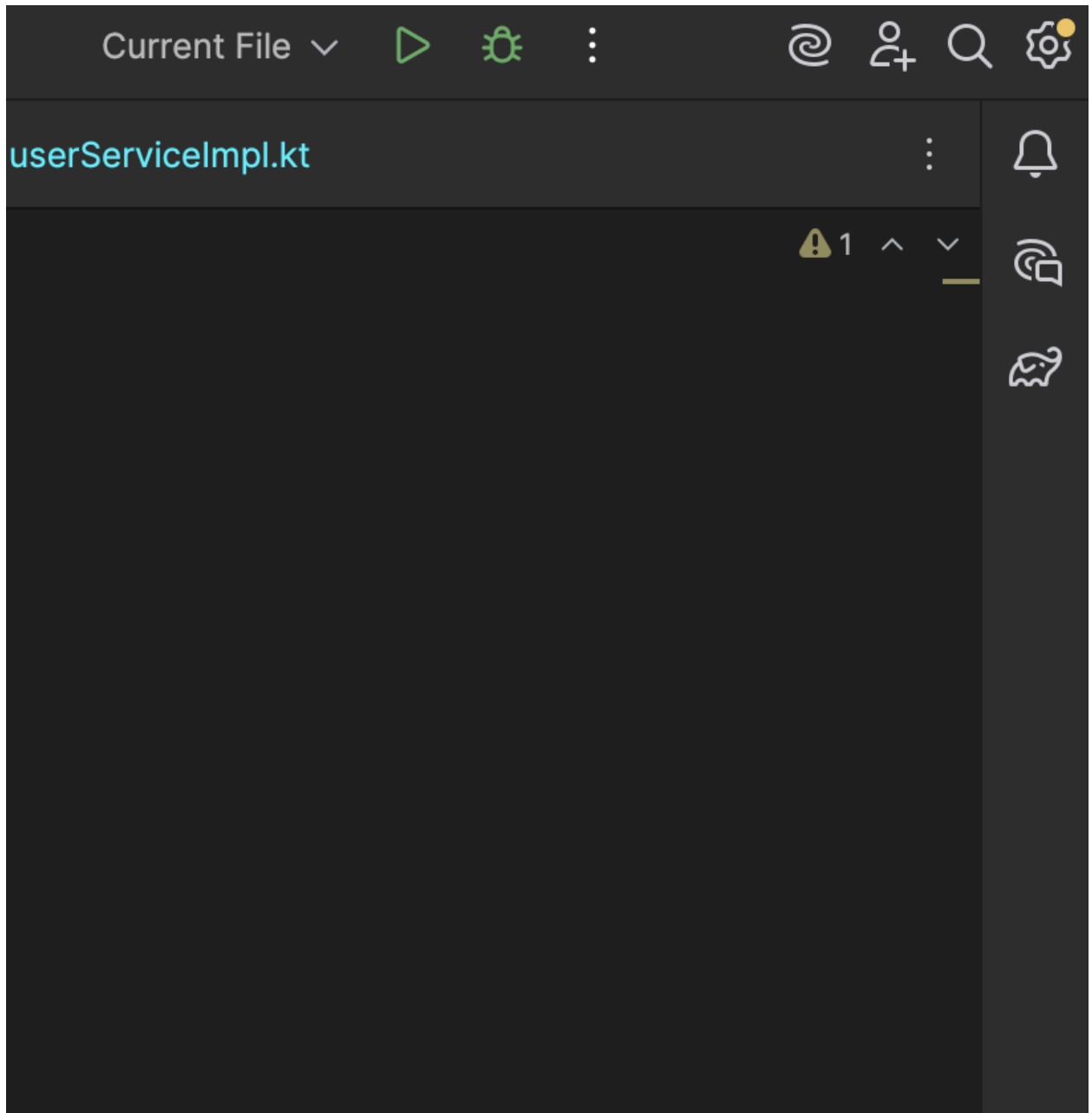
a circle. Click that button.



10. Next in IntelliJ IDEA as well, open the file, [SpringBootHandyMenNow/src/main/kotlin/com/HandyMenNow/SpringBootHandyMenNowApplication.kt](#).



11. From there run that file, either click the green triangle in the top right of the IDE, or on the keyboard press “ctrl + R”.



12. Open any browser. Once the frontend and backend are both running, type `http://localhost:5500/register.html` in the URL bar.

The screenshot shows a web browser window with the address bar displaying `localhost:5500/register.html`. The browser's tab is labeled 'Register'. The page content features a registration form with a purple gradient background. The form is centered and has a white background with rounded corners. It contains the following elements:

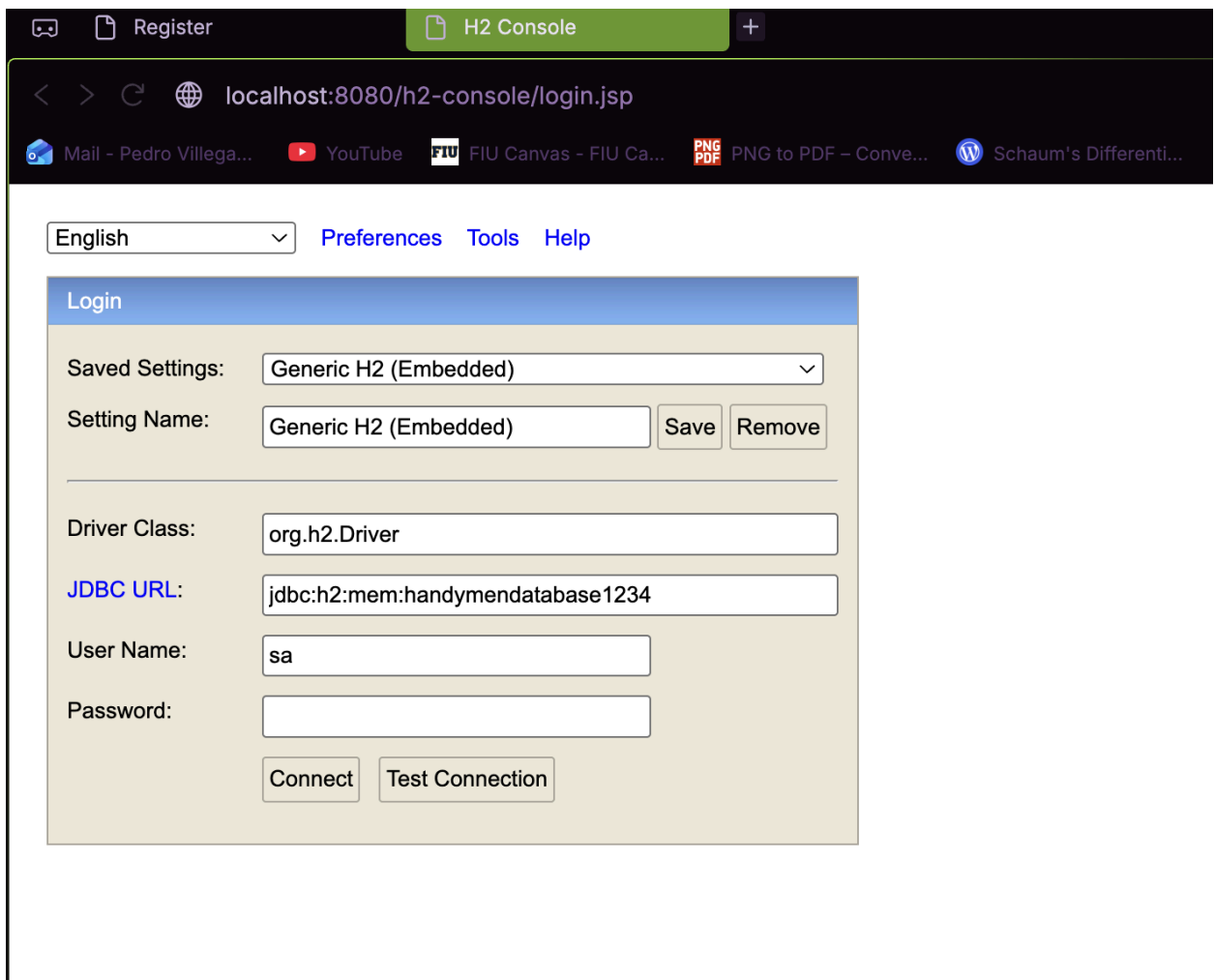
- Register** (Section Header)
- Username
- Password
- Full Name
- Address
- Phone Number
- ☐ Is Handyman
 - ☐ Electrical
 - ☐ Plumbing
 - ☐ Mechanical
 - ☐ General
 - ☐ Roofing
 - ☐ Pool
 - ☐ Concrete
 - ☐ Tile
 - ☐ Masonry
 - ☐ Carpenter
 - ☐ Landscaper
-
-

13. Begin using the application.

14. (OPTIONAL)

In the URL bar type

<http://localhost:8080/h2-console>



The screenshot shows a web browser window with the address bar displaying `localhost:8080/h2-console/login.jsp`. The browser's tab bar shows a tab titled "H2 Console". The page content includes a language dropdown set to "English", and links for "Preferences", "Tools", and "Help". The main form is titled "Login" and contains the following fields and buttons:

- Saved Settings:** A dropdown menu showing "Generic H2 (Embedded)".
- Setting Name:** A text box containing "Generic H2 (Embedded)", with "Save" and "Remove" buttons to its right.
- Driver Class:** A text box containing "org.h2.Driver".
- JDBC URL:** A text box containing "jdbc:h2:mem:handymendatabase1234".
- User Name:** A text box containing "sa".
- Password:** An empty text box.
- Buttons:** "Connect" and "Test Connection" buttons at the bottom of the form.

15. Once it loads, leave everything the same except for two text boxes

16. In JDBC URL:

Enter:

Jdbc:h2:mem:handymendatabase1234

17. Then in

User Name:

sa (lowercase)

18. Click on connect then.

19. It will show the database in its GUI form.

jdbc:h2:mem:handymendatabase

AVAILABLE_JOB

CATEGORIES

HANDY_MAN

JOB

USERS

INFORMATION_SCHEMA

Users

H2 2.3.232 (2024-08-11)

Run

Run Selected

Auto complete

Clear

SQL statement:

SELECT * FROM USERS

SELECT * FROM USERS;

USER_ID	ADDRESS	FULL_NAME	HANDY_MAN_ID	IS_ADMIN	IS_HANDYMAN	PASSWORD	PHONE
38276ddf4b57-4090-8d2c-a9d9c6aba205	16741 Royal Polinciana Dr.	Pedro Villegas	ac64f225-fe2a-4af7-b378-8d15204bf968	FALSE	TRUE	\$2a\$10\$cqmqw36G.K1kKggQwAHoexcik1.1SWOVpfjyVeOcfBoAGapXAM6K	754204

(1 row, 1 ms)

Edit