

Note: this information is also included in the report but is here for easy reference.

To set up the website/API, you will need to do the following:

1. Host the folder 'finalProject471' at the root of your localhost using a webserver like Apache, and ensure you have PHP installed (my version was PHP 7.4.13). This folder should contain a folder called 'website', and inside that folder should be all of the .php files listed below.
2. Run 'DatabaseCreationAndData.sql' on your localhost using mySQL version 8 or above (the file was exported from version 8.0.19 using the engine InnoDB, so I can not guarantee that it will work on older versions of mySQL). This will create a new database called '471Project' at the root of your localhost.
3. Finally, go into the file 'config.php' and set your localhost username and password for the database. 'DB_USERNAME' is the username (usually root) and 'DB_PASSWORD' is the password.

```

<?php
/* Database credentials. Assuming you are running MySQL
server with default setting (user 'root' with no password) */
define('DB_SERVER', 'localhost');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', 'root');
define('DB_NAME', '471project');

?>
```

To start the website, open your browser and navigate to
["http://localhost/finalProject471/website/index.php"](http://localhost/finalProject471/website/index.php)

For more information on website usage, see the user guide in the final report.

List of files:

The following files are part of the website we created and not the API:

- addPassengerSeat.php
- adminMainView.php
- busDriverLogin.php
- CheckAdmin.php
- CheckDriver.php
- endRoute.php
- index.php
- LoginAdmin.php
- logoutAdmin.php
- searchEmp.php
- searchProximity.php

- showBusLayout.php

The following files are the API files:

- config.php
- getBus.php
- getBusType.php
- getPassenger.php
- getPassengerSeat.php
- getPassengerSeatOnRouteInstance.php
- getProx.php
- getProxPass.php
- getRandomStop.php
- getSeatOnRouteInstance.php
- insertBoardsAt.php
- insertDisembarksAt.php
- insertInProximity.php
- insertPassengerSeat.php
- insertRouteInstance.php
- insertSeat.php
- verifyAdmin.php
- verifyBusDriver.php
- verifyEmp.php
- verifyEmpSeats.php
- verifyIDs.php
- verifyPassengerSeat.php
- verifyRoute.php