**Applications Required**

1. Docker
2. Wamp
3. MySQL
4. Kong

**Setting up the Image**

1. Ensure that all required applications (Docker, Wamp) are up and running
2. Navigate to project\IS213\_ESD\_5\project\database
3. Import the Setup.sql file at that directory into your MYSQL
4. Run command prompt
5. Run this command: “docker-compose up”

**Setting up Kong**

1. Head over to Konga
2. Create new service and routes

|  |  |  |
| --- | --- | --- |
|  | Services | Corresponding Routes |
| 1. | Name: paymentservice  Protocol: http  Host: payment\_service  Port: 5005  Path: /payments | Paths: /payments  Methods: POST, GET |
| 2. | Name: tutorservice  Protocol: http  Host: tutor\_service  Port: 5001  Path: /tutor | Paths: /tutor  Methods: POST, GET |
| 3. | Name: cartservice  Protocol: http  Host: cartservice  Port: 5006  Path: /cart | Paths: /cart  Methods: POST, GET, OPTIONS |
| 4. | Name: appointmentservice  Protocol: http  Host: appointmentservice  Port: 5003  Path: /appointment | Paths: /appointment  Methods: POST, GET, OPTIONS |
| 5. | Name: accountservice  Protocol: http  Host: account\_service  Port: 5004  Path: /account | Paths: /account  Methods: POST, GET, OPTIONS |
| 6. | Name: notificationservice  Protocol: http  Host: notificationservice  Port: 5010  Path: /notification | Paths: /notification  Methods: POST |

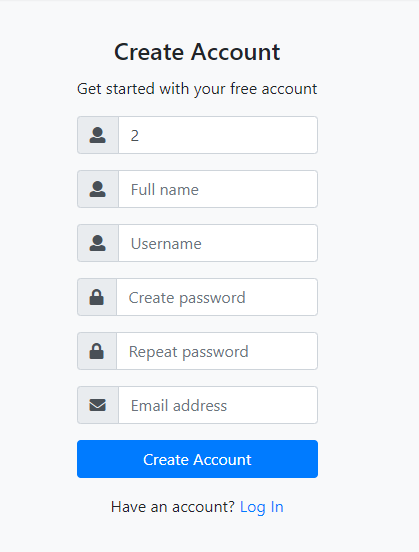
**Running the web service on localhost**

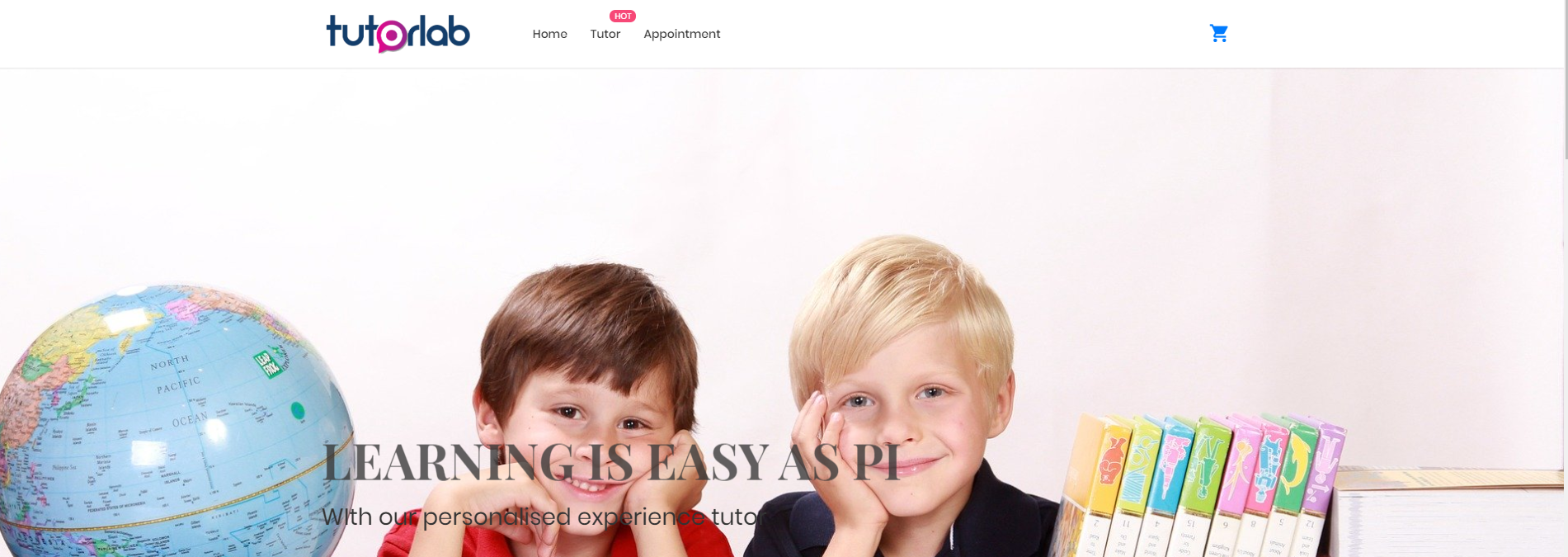
1. Copy the file path of project\TheTutorLab\TheTutorLab *(Note that the index.html file is located at that path that’s why you have to use that path to direct to index.html)*
2. Use that file path when setting up alias directories through Wamp Apache

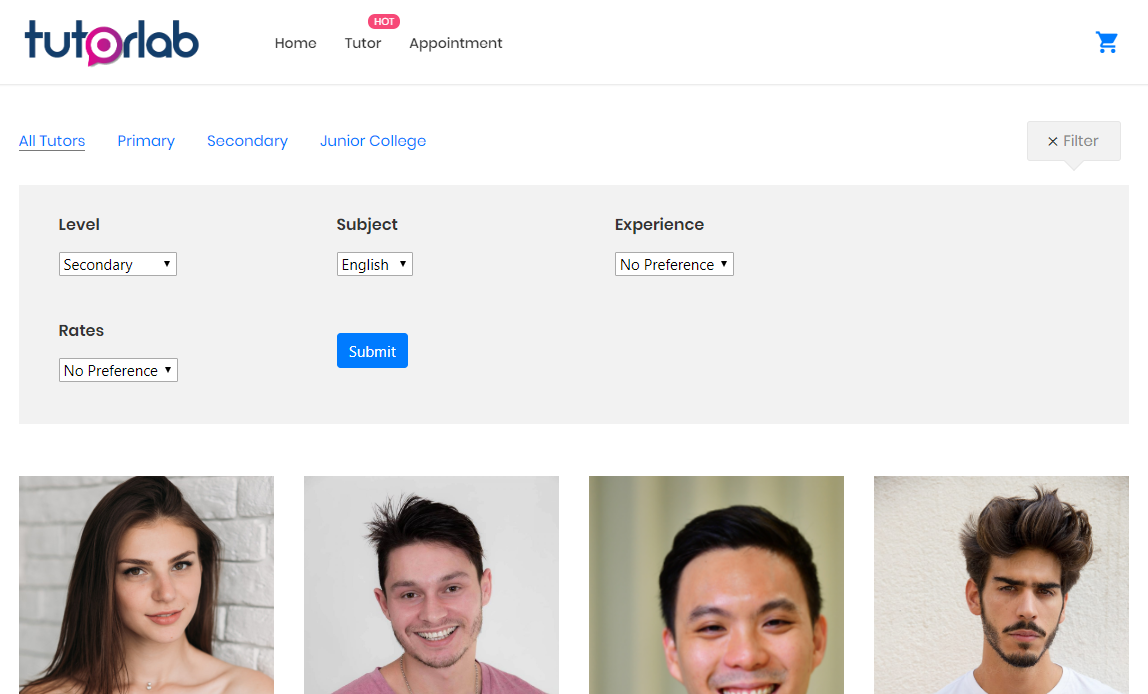
**The Tutor Lab Website**

1. Run Tutor\_SQL in MySQL from the database folder
2. Load index.php
3. Click on “Login” at the top left-hand corner
4. Click on “Register here” to create an account
5. Fill in “2” for Customer ID and fill up the rest of the particulars and click on “Create Account”.

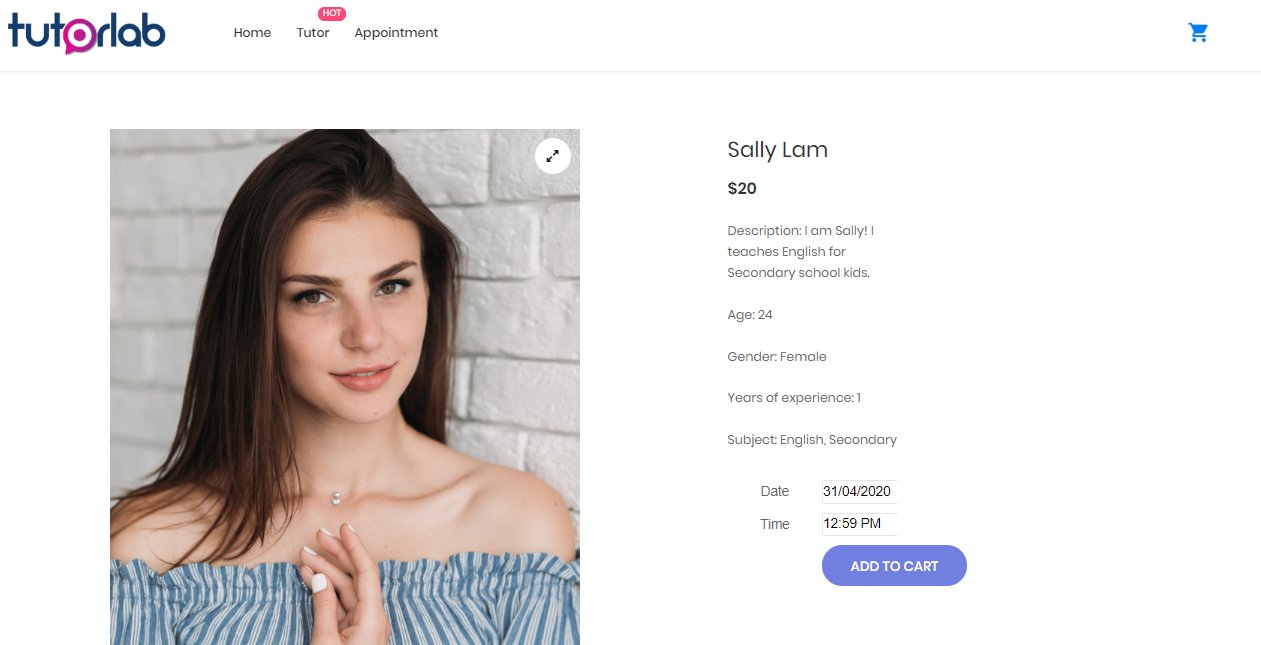
**\*** Fill in your actual personal email so that you could receive an email notification after making a tuition appointment later



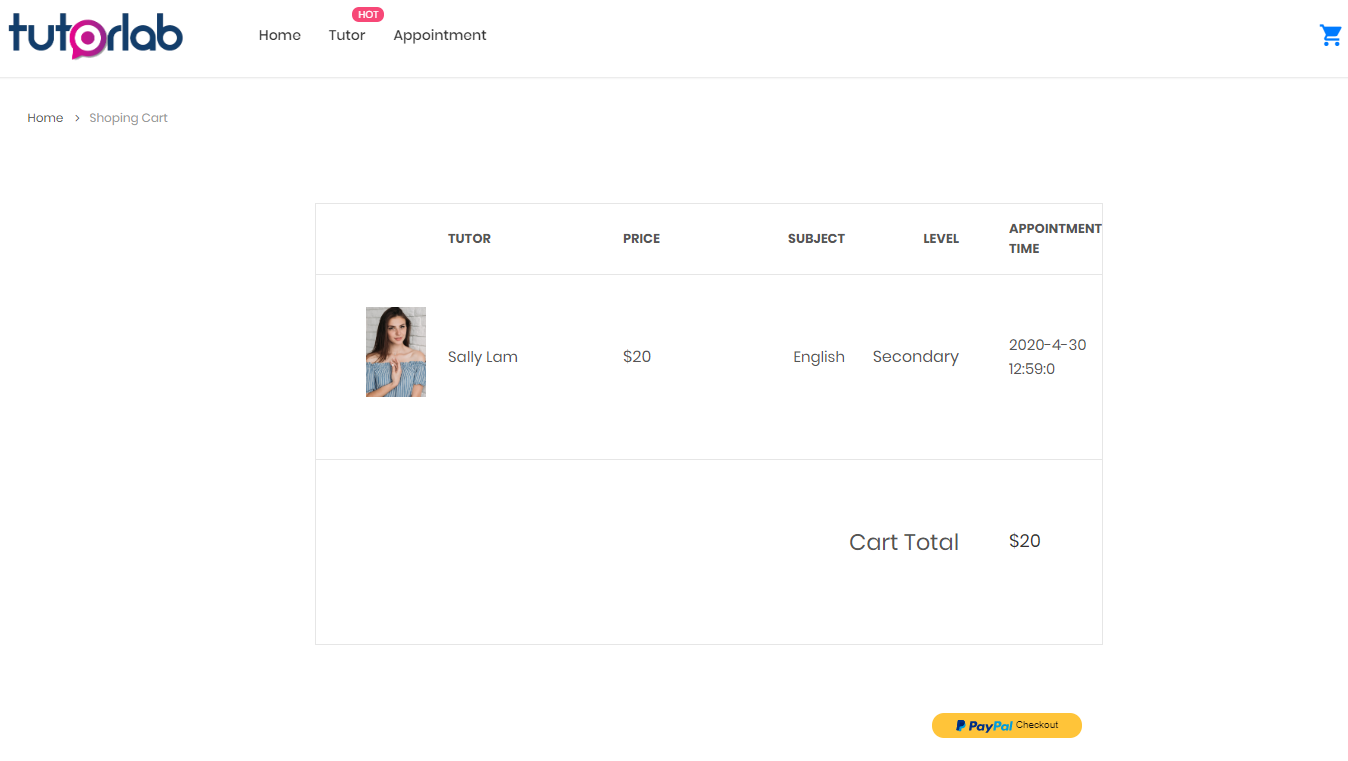
1. Once you logged in and redirected to the home page, click on the Tutor in the navigation bar to search for all tutors. 
2. Once you access the all tutor page, click on the filter and start filtering tutor based on “level”, “subject”, “experience”, “rates”.
3. For example: set “level” as Secondary, “subject” as English, “experience” as No Preference, “rates” as No Preference.



1. Filtered result will be shown. For example, you are keen to book an appointment with “Sally Lam”, click on “Quick View”
2. Fill in your desire Date and Time for your appointment and click on “ADD TO CART” and you will be redirected to the view your cart page



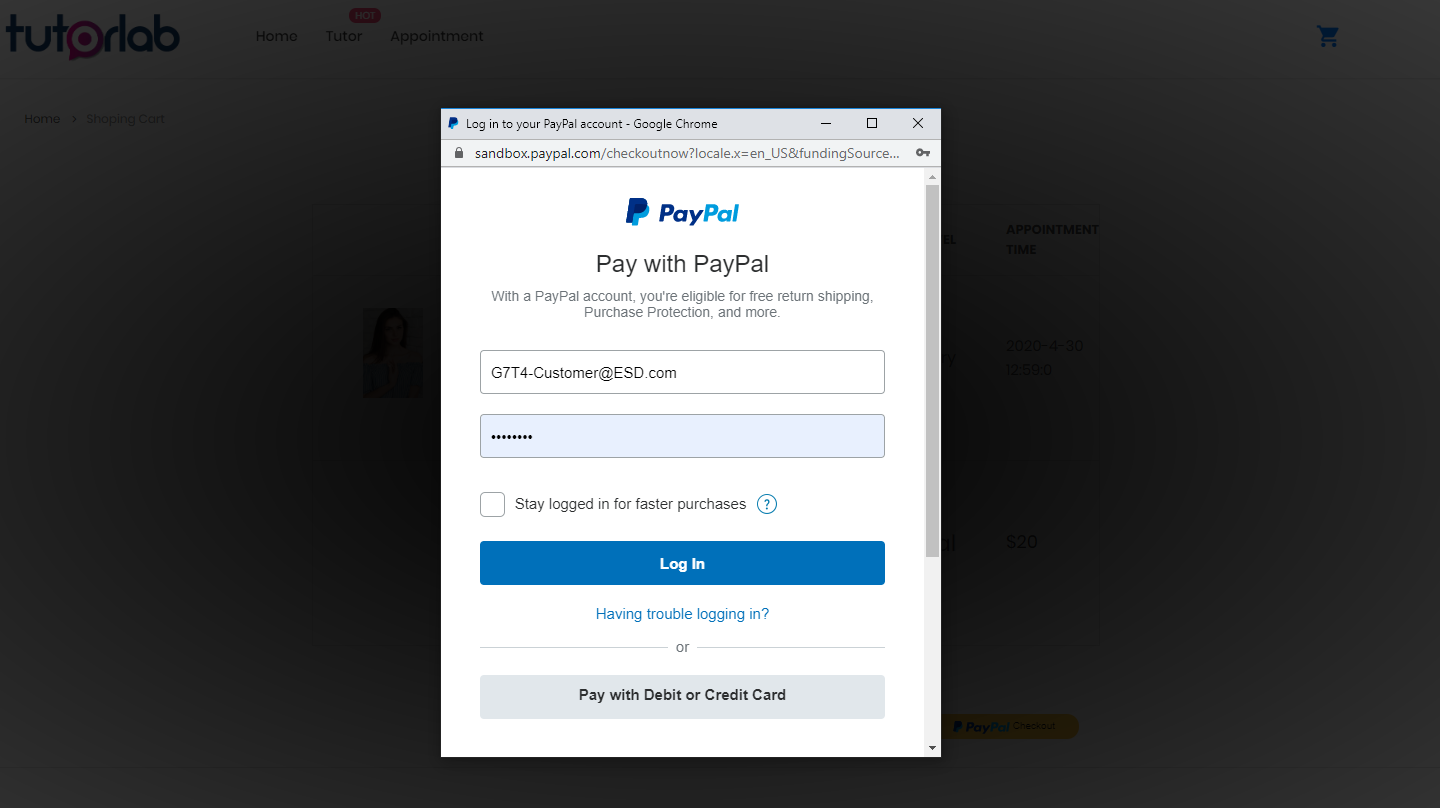
1. Once you are ready to check out, click on the “PayPal checkout” button



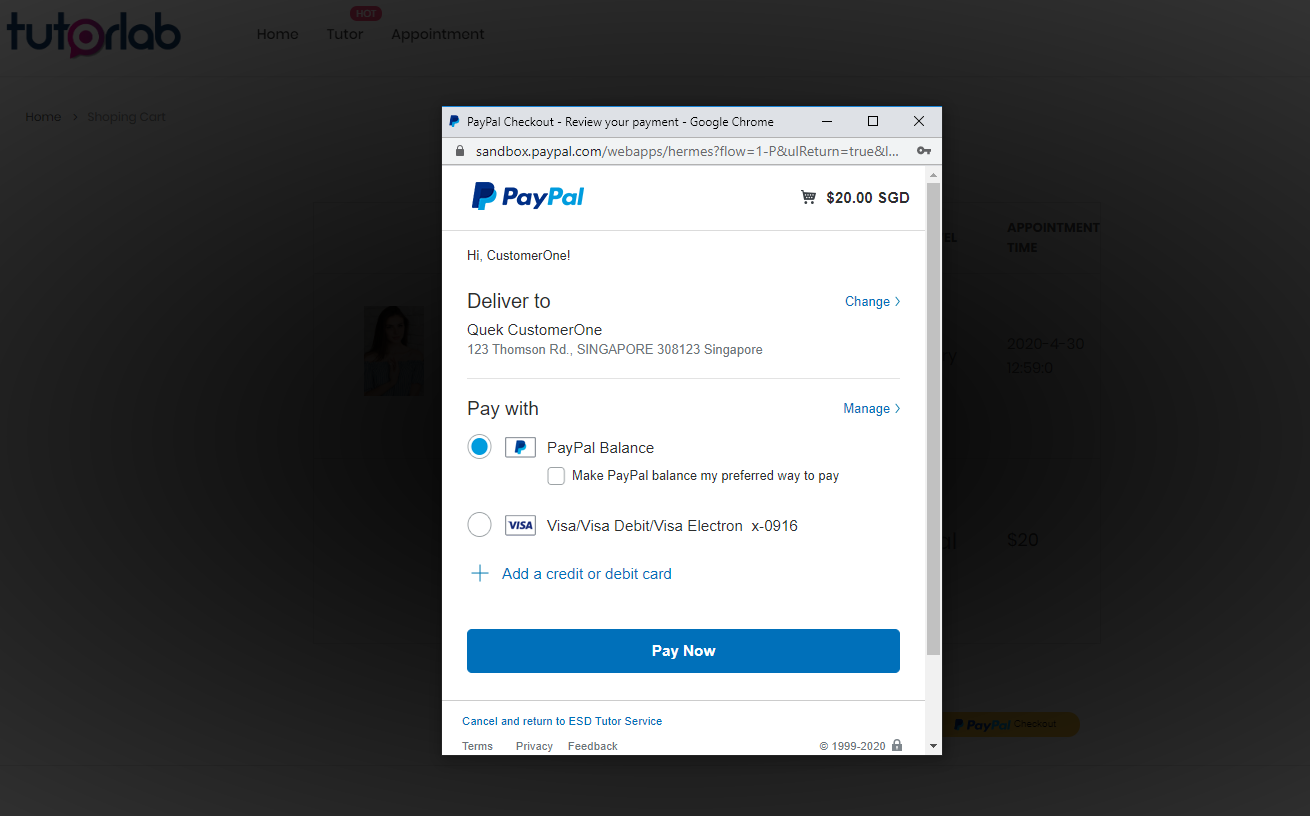
1. A Paypal API screen pop up will be shown and you can key in the following to log in:

Email: G7T4-Customer@ESD.com

Password: 12345678



1. Click on Pay Now and we will use PayPal Balance as the payment method



1. Once payment is successful, you will be redirected to the home page and you will receive an appointment booking shortly in your email showing you the appointment you made with the tutor.

