



**Bilkent University**

**Department of Computer Engineering**

## **CS 319 Object-Oriented Software Engineering Term Project**

*CS319: Peer Review App*  
**SNITCH**

### **Final Report**

#### **Group 1-I**

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Progress/Final Report

02.05.2021

This report is submitted to the Department of Computer Engineering of Bilkent University.



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## 1. Built Instructions

- Download XAMPP from <https://www.apachefriends.org/tr/index.html>

**XAMPP** Apache + MariaDB + PHP + Perl

**XAMPP Nedir?**

XAMPP en popüler PHP geliştirme ortamıdır. XAMPP tamamiyle ücretsiz, yüklenmesi kolay Apache dağıtımı olup MariaDB, PHP ve Perl içerir. XAMPP açık kaynak paketi inanılmaz kolaylıkta yüklenilebilmesi ve kullanılabilmesi için ayarlanmıştır.

**XAMPP**

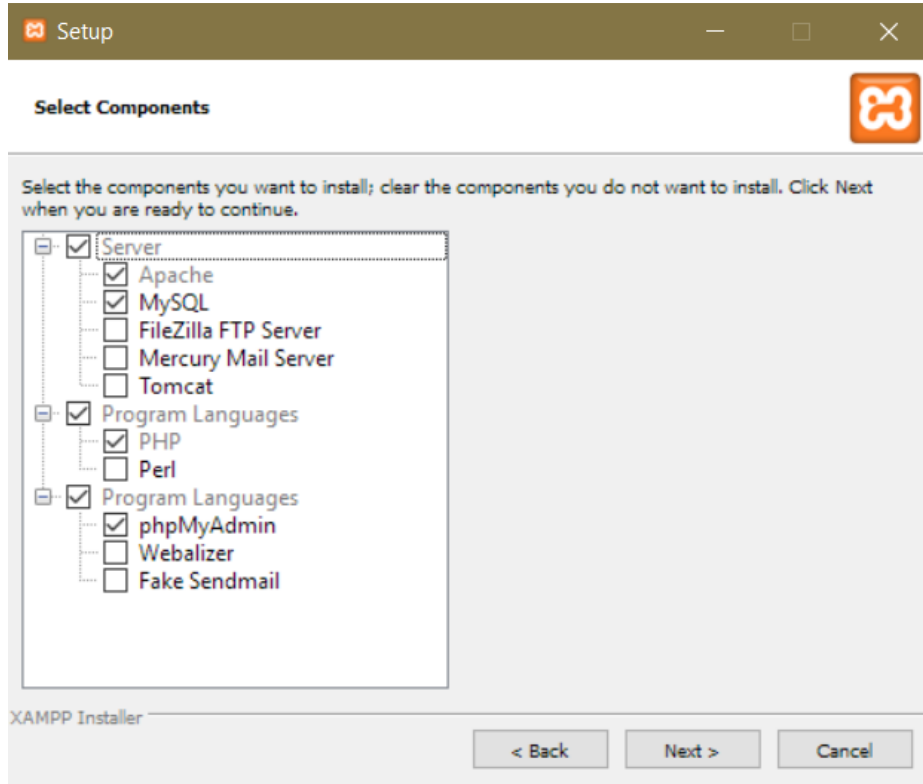
**İndir**  
Diğer sürümler için buraya tıklayın

 **Windows için XAMPP**  
8.0.3 (PHP 8.0.3)

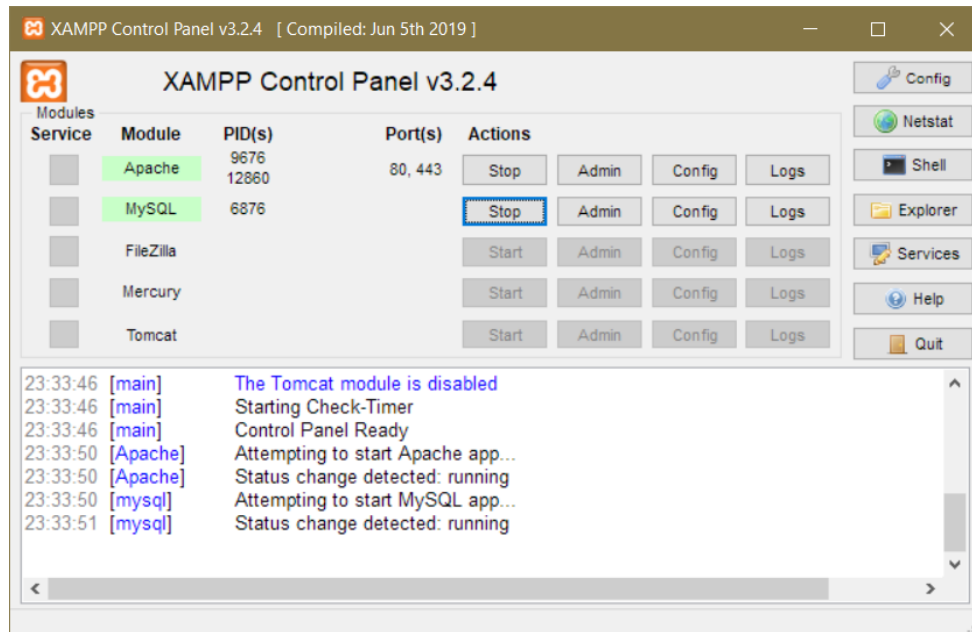
 **Linux için XAMPP**  
8.0.3 (PHP 8.0.3)

 **OS X için XAMPP**  
8.0.3 (PHP 8.0.3)

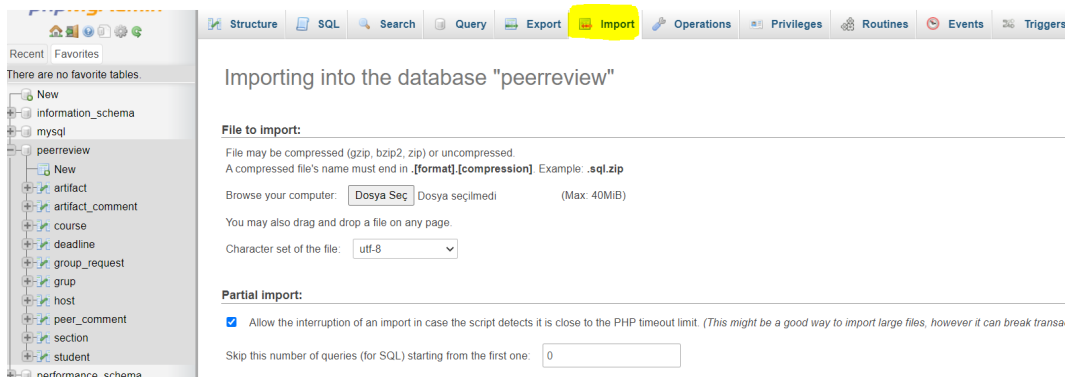
- Install XAMPP and follow the instructions below:



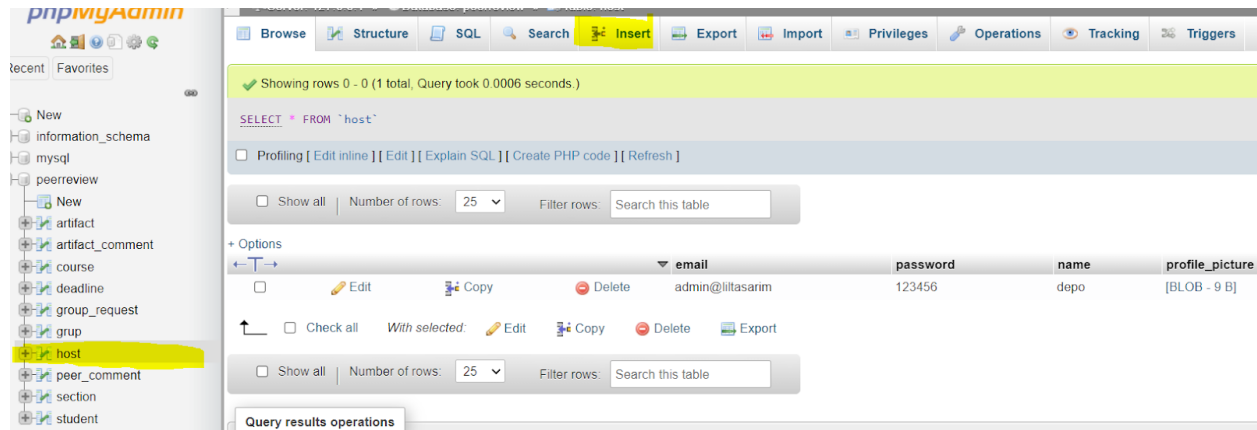
- In the XAMPP Control Panel start the first 2 modules. The control panel will look like this:



- Go to the url <http://localhost/phpmyadmin> in Google Chrome.
- Create a new database called “peerreview” by clicking the New button in left panel.
- Download peerreview.sql and export it to phpmyadmin by following the instructions below:
  - Click on the “peerreview” database on the left panel.
  - From the top navigation panel, click Import.



- Choose the location where peerreview.sql is located and choose the file. Then, press the “Go” button at the lower right corner.
- Now the tables should be visible in the database.
- You can access host accounts by clicking the host table on the left panel.
- If you want to add students, use the sign up functionality of the website not the database since the password of students are hashed.



If you want to add a new host, select host from the database and click the insert button.

Then, type email, password and name but not id.

- Download the htdocs folder located in Github.
- Open the XAMPP Control Panel again if you have closed it. In the XAMPP control panel, click “Explorer”.
- Replace the htdocs file inside the tab opened after clicking “Explorer” with the htdocs file you have downloaded from Github.
- Go to the url <http://localhost/index.php> in Google Chrome.

## 2. Work Allocation

Ümit Çivi	<ul style="list-style-type: none"><li>• Back-end coding of the student related classes</li><li>• Connection of back-end and front-end of student part</li><li>• Sequence diagrams, use case diagram</li><li>• HW-SW mapping, persistent data management, object design</li><li>• Logic Layer</li></ul>
Onat Korkmaz	<ul style="list-style-type: none"><li>• Found the name of the application “Snitch”</li><li>• Functional Requirements, Sequence Diagrams</li><li>• Boundary Conditions</li><li>• UI Layer</li><li>• Front-end coding of the host components</li><li>• Back-end and front-end communication for host components</li></ul>
Abdulkadir Erol	<ul style="list-style-type: none"><li>• Front-end coding of the start menu components</li><li>• Front-end coding of the student components</li><li>• Activity diagrams</li><li>• Mock-ups</li><li>• Subsystem decomposition</li><li>• Helped the UI Layer of the Object Design</li><li>• Logo of the application</li></ul>
Erdem Ege Eroğlu	<ul style="list-style-type: none"><li>• Back-end coding of the host some related classes</li><li>• State machine diagrams</li><li>• UI Layer</li><li>• Trade-offs</li><li>• Non-Functional requirements</li><li>• Access Control and Security</li></ul>
Muhammed Maruf Şatır	<ul style="list-style-type: none"><li>• Back-end coding of the host some related classes</li><li>• Connection of back-end and front-end related to host</li><li>• State machine diagrams</li><li>• Logic layer</li><li>• Design goals</li></ul>
Common	<ul style="list-style-type: none"><li>• Use case diagrams</li><li>• Class diagram</li><li>• Storage Layer</li></ul>