

# FACULTY SCHEDULES USER MANUAL

[Draw your reader in with an engaging abstract. It is typically a short summary of the document. When you're ready to add your content, just click here and start typing.]

GVSU School of  
Computing

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# CHAPTER 1

## REQUIREMENTS AND SETUP



This manual was updated for the Fall Semester of 2016 for the GVSU School of Computing. The software application presented is *Faculty Schedules*, produced by *Byte Sized Consulting*. The authors of *Faculty Schedules* have included a helpful tutorial with their program, along with a quick-start brochure.

## 1.1 REQUIREMENTS

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*Faculty Schedules* has the following necessary requirements:

- A Macintosh computer version 10.7 (Lion), or higher
- An internet connection with dial-up speeds or higher
- A MySQL database running on either the local or a remote computer

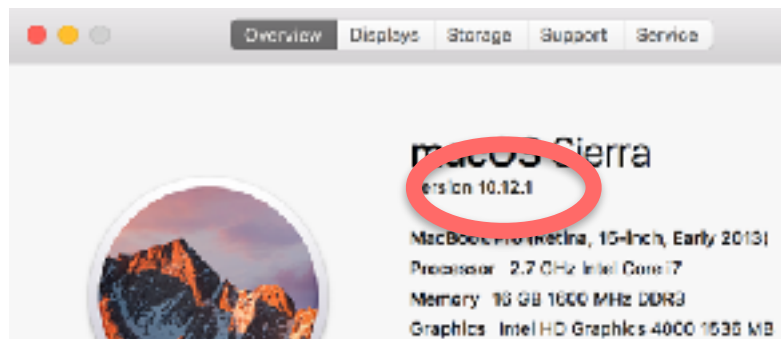
After these requirements are met, following the succeeding sections until the end of Chapter 1 will ensure that *Faculty Schedules* and a MySQL database are installed and running.

## 1.2 CHECKING THE MACINTOSH VERSION

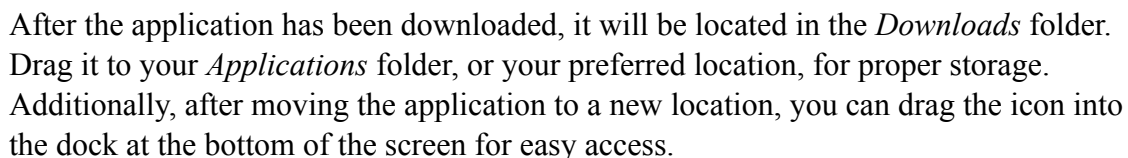
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To make sure that your Macintosh computer's installed operating system is version 10.7 or higher, please go through the following steps:

1. Press the Apple logo in the top left of the menu bar on the top of your screen
2. Select "About this Mac"
3. Make sure that the number indicated by the red circle below is 10.7 or higher



And selecting the download button in the location indicated in red below:



## 1.4 OBTAINING AND INITIALIZING THE MYSQL SERVER

<https://www.mamp.info/en/downloads/>

And select the button indicated by the red circle below:

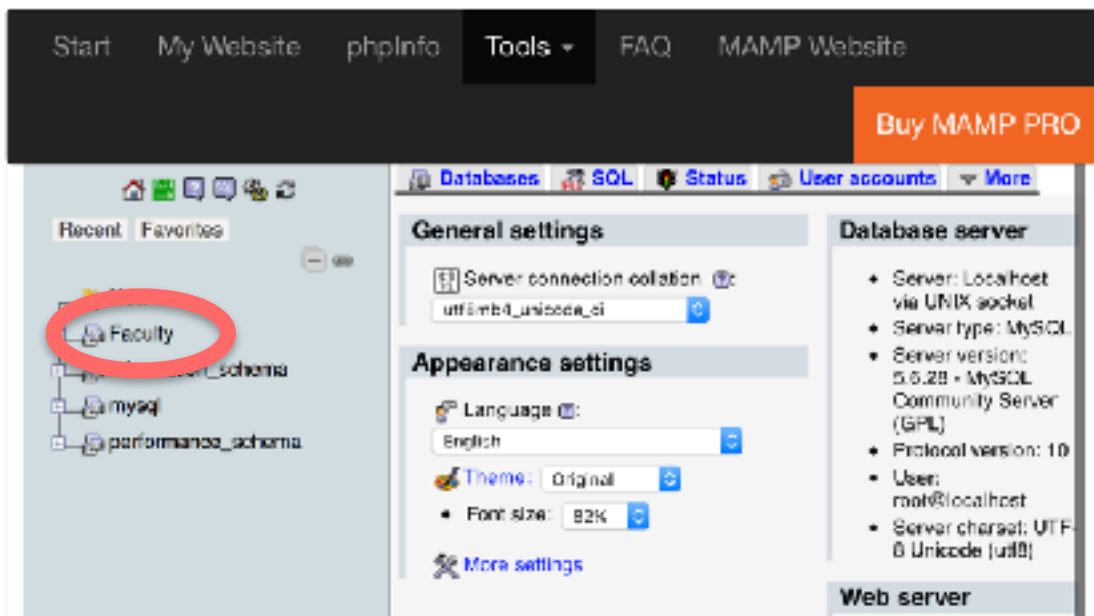


After the download finishes, open the package from your *Downloads* folder and follow the installation prompts, entering your user account credentials as necessary. Finally, open *MAMP* from your applications folder and follow the buttons as indicated by the following series of figures:

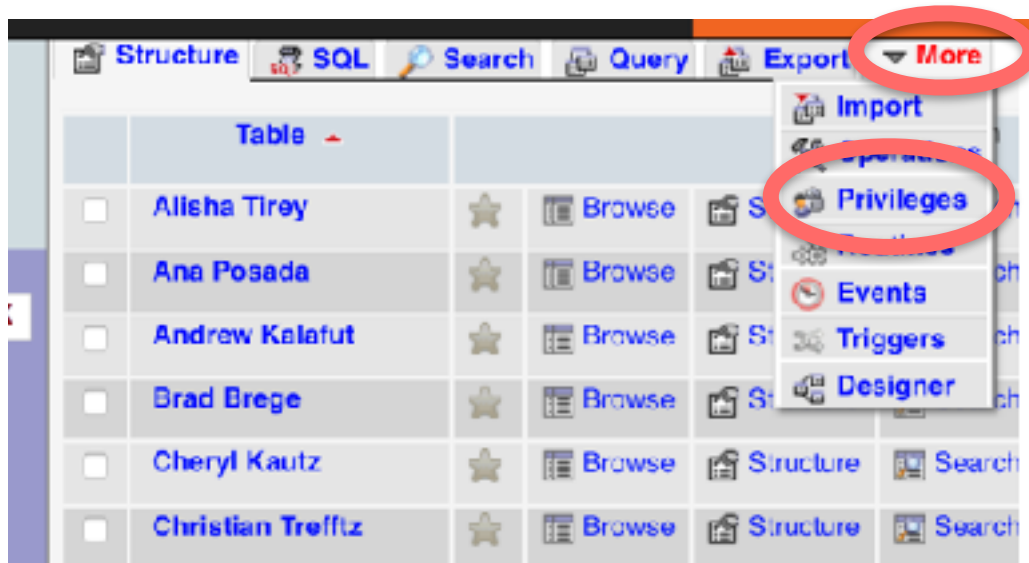
### Step 1: Press “Start Servers”

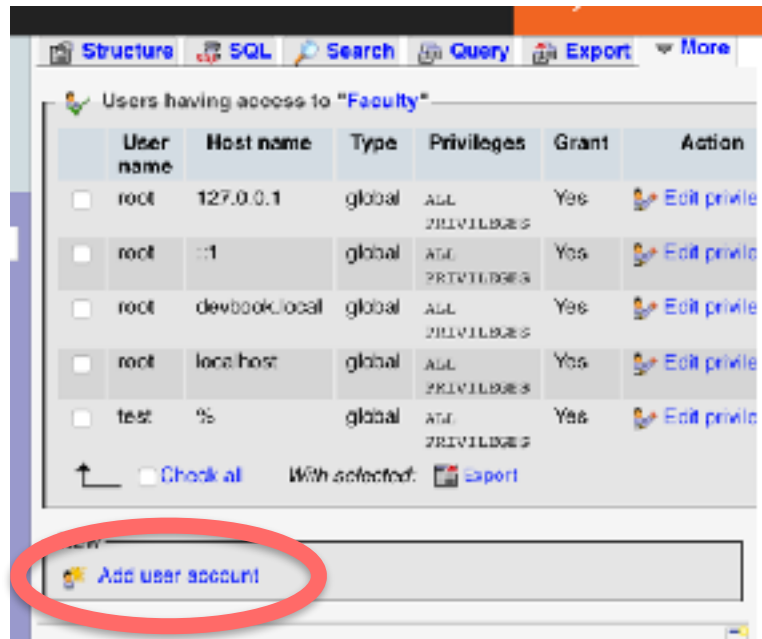
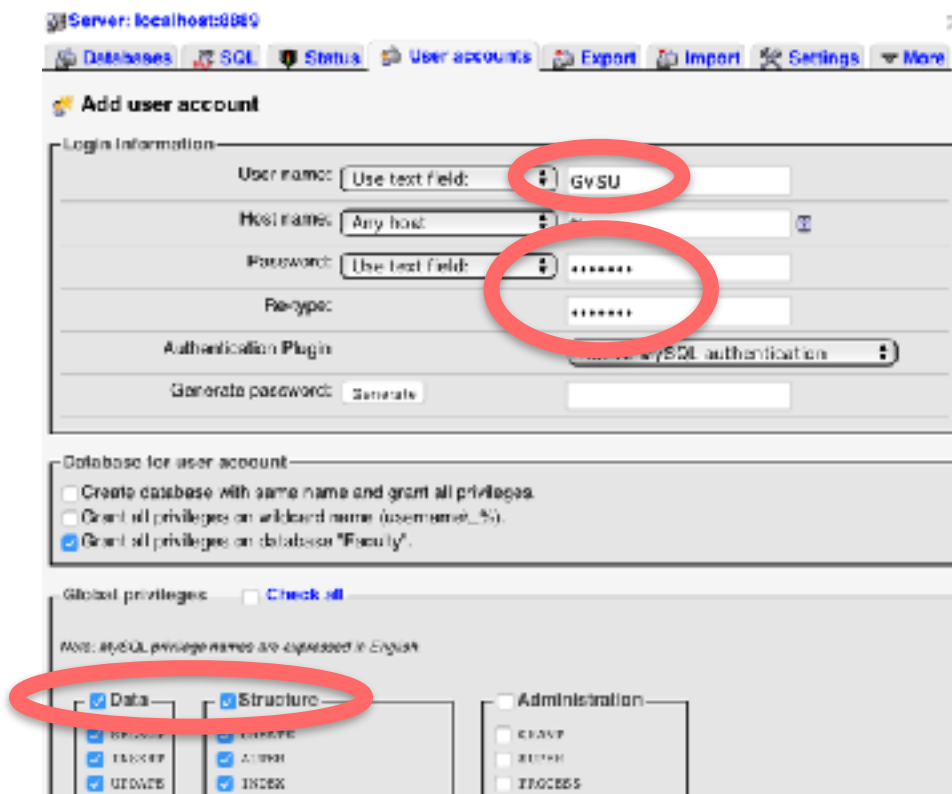


**Step 2: Press “Open WebStart page” or wait for browser to automatically open, then select “Faculty”**



**Step 3: Press “More” and then “Privileges”**

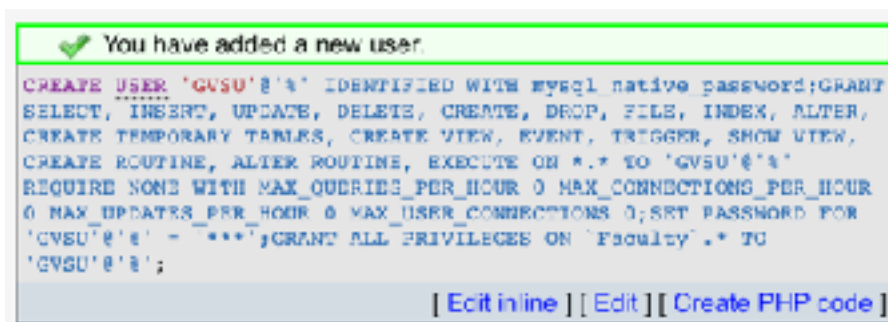


**Step 4: Press “Add user account”****Step 5: Enter “GVSU” into User name, “GVSUBSC” into Password, retype the password, and then check the “Data” and “Structure” checkboxes**



**Step 6: Press “Go” to confirm**


A screenshot of a web form. The form has a text input field containing the text "REQUIRE SUBJECT". Below the input field is a blue button labeled "Go". The button is circled in red.

**Step 7: You will see a confirmation at the top of the screen upon successful adding of the user**


A screenshot of a confirmation message and SQL code. The message at the top says "You have added a new user." with a green checkmark icon. Below the message is a block of SQL code:

```
CREATE USER 'GVSU'@'%' IDENTIFIED WITH mysql_native_password;GRANT
SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, FILE, INDEX, ALTER,
CREATE TEMPORARY TABLES, CREATE VIEW, EVENT, TRIGGER, SHOW VIEW,
CREATE ROUTINE, ALTER ROUTINE, EXECUTE ON *.* TO 'GVSU'@'%'
REQUIRE NONE WITH MAX_QUERIES_PER_HOUR 0 MAX_CONNECTIONS_PER_HOUR
0 MAX_UPDATES_PER_HOUR 0 MAX_USER_CONNECTIONS 0;SET PASSWORD FOR
'GVSU'@'%' = '***';GRANT ALL PRIVILEGES ON 'Faculty'.* TO
'GVSU'@'%';
```

At the bottom of the code block are three links: [\[ Edit inline \]](#), [\[ Edit \]](#), and [\[ Create PHP code \]](#).

After this initial setup of the MySQL server, the only steps required to turn on the server are to open MAMP and press “Start Servers.” You are now ready to begin using the application *Faculty Schedules*.



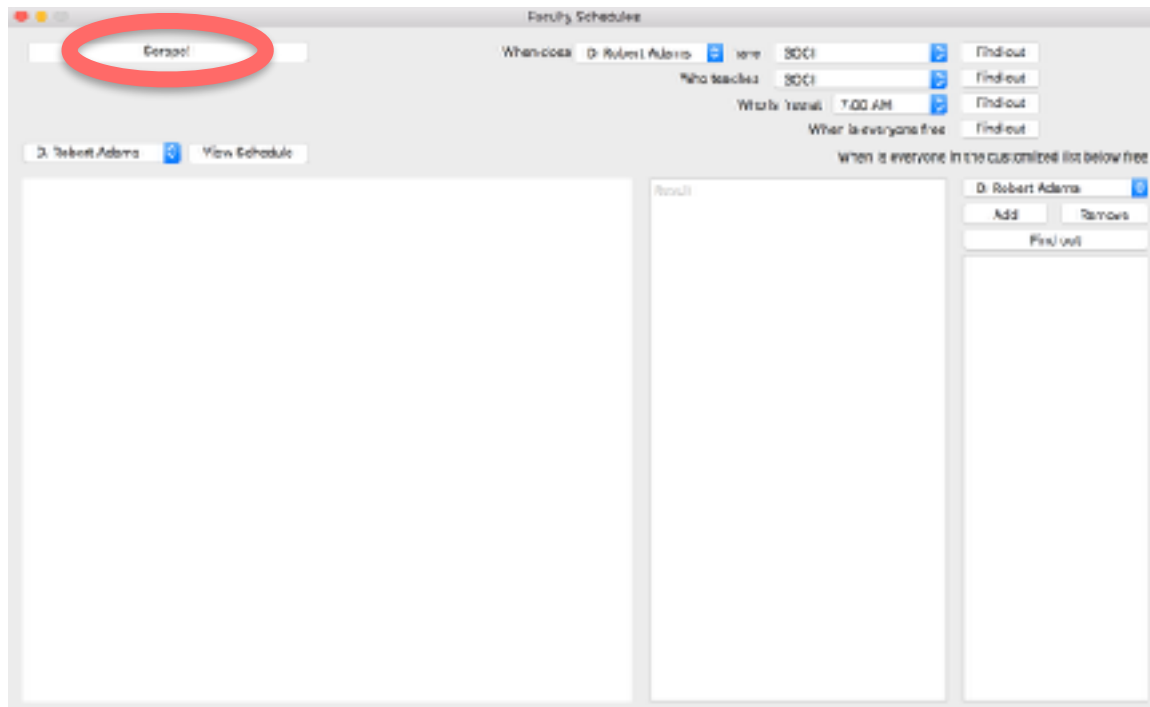
# CHAPTER 2

USAGE



Before running *Faculty Schedules*, make sure that you have at least a dial-up internet connection, and that your MAMP server is running. After this, double-click *Faculty Schedules* from the location where it was saved. You will be presented with a single window where everything you need will be located. Before interacting with the application, press “Scrape!” as indicated by the red circle below, and wait for your mouse cursor to return to normal from the spinning beach-ball:

After this, the empty drop down menus will be populated with different values.



## 2.1 VIEW SCHEDULE

The section indicated in the figure below allows you to view the faculty's schedule directly from their website listing. Just select a name from the drop-down menu and press "View Schedule." The white box beneath them will show the schedule, and you can scroll down to view all of the details.

When does

**Fall 2016 (August 29, 2016 – December 10, 2016)**

	Monday	Tuesday	Wednesday	Thursday	Friday	
7:00am						
7:30am						
8:00am				CIS150 28		
8:30am				HRV 113		
9:00am	Meetings with Non-Profits	CIS150 28		CIS150 28		
9:30am		MAK B1116		MAK B1116		
10:00am		Office Hour		Office Hour		
10:30am						
11:00am						
11:30am						
12:00pm	Travel Time	SOCIS Meeting MAK D1117		CIS290 01		
12:30pm				MAK D1117		
1:00pm	CIS150 18	Grading	CIS150 18	CIS290 02	CIS150 18	
1:30pm	MAK B1118		HRV 115	MAK D1117	MAK B1118	
2:00pm	Office Hour		Office Hour	CIS290 03		
2:30pm				MAK B1124		
3:00pm						
3:30pm						
4:00pm		CIS463 01		CIS463 01		
4:30pm		MAK A1105		MAK A1105		
5:00pm						
5:30pm						



## 2.2 SIMPLE QUERIES

The sections indicated in the figure below show you the result of their corresponding questions. Just select a value from their appropriate drop-down menus and press “Find out” immediately to the right of the question. The red circle below indicates a sample selection for a question, and its result showing in the result box:

The screenshot shows a web-based query interface. A red circle highlights the 'Who teaches' question, which has a dropdown menu set to 'CIS150' and a 'Find out' button. Below this, there are other questions like 'When is everyone free' and 'When is everyone in the customized list below free'. A list of faculty names is visible on the left, including Sherry Barricklow, Brad Brege, Jayne Dissette, Cheryl Kautz, David K. Lenge, Rodd Lowell, Szymon Machajewski, Samah Mansour, Tara Meduwsen, Gregory Schymik, Alisha Tirey, and Ira Woodring.

If the results box shows more data than what is in the available space, just click and drag your cursor downwards to reveal the entire result.

## 2.3 CUSTOM QUERY

The following query allows you to select faculty names and add to or remove them from a list. After adding the desired faculty to the list, press “Find out” to receive the custom result.

The screenshot shows a custom query interface. On the left, there is a list of times from 7:00 AM to 2:30 PM. On the right, there is a dropdown menu set to 'Zachary Kurmas' with 'Add' and 'Remove' buttons. Below these are 'Find out' and 'Find out' buttons. A list of faculty names is visible on the right, including D. Robert Adams, Jayne Dissette, and Zachary Kurmas.



# CHAPTER 3

## TROUBLESHOOTING



### 3.1 TROUBLESHOOTING LIST

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*Faculty Schedules* includes some error handling and signs so that you know that something has not happened correctly. Here are some examples and what to do in the event that you encounter them:

Sign	Cause	Solution
After pressing “Scrape!” the application does not populate the drop-down menus and the spinning wheel remains indefinitely	The MAMP server has not been started yet, or the user account added does not match this manual’s instructions.	Quit <i>Faculty Schedules</i> and open the MAMP application. Select “Start server” and then restart <i>Faculty Schedules</i> . If that does not work, make sure that the user account added matches the credentials supplied in this manual.
The result box says “Please press the "Scrape" button first.”	A “Find out” button was pressed before pressing “Scrape!”	Press “Scrape!” and then continue the query.
“View Schedule” was pressed, but the window below it shows nothing.	There is either no internet connection on your computer, or the faculty’s schedule website address has changed or is not available.	Make sure that your machine has an internet connection, or that the faculty’s schedule website is available in a browser.

