

A.P.O.S

Automatic Plan of Study

OPERATORS'S MANUAL

VERSION 1.0

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Presented by:
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OVERVIEW

Dream Team coding has created something that will change college pre-registration forever. One of the most wide spread reason for college students not graduating on time is because they did not sign up for the correct classes. We at Dream Team Coding have created a web application called "A.P.O.S.", otherwise known as Automated Plan of Study. Using A.P.O.S will allow students to easily find their major and concentration. The student then chooses courses that they have already taken, or are currently taking (best to have the corresponding transcript handy). Once the all courses are chosen our software reads our data and compares it to our database of class and generates a list of classes you should take in the upcoming semester. The web application also features a save state, which allocates a passphrase for the user to save their progress and courses taken.

SOFTWARE CONFIGURATION

1. Download A.P.O.S from the DreamTeamCoding repository linked here
 - a. <https://github.com/DreamTeamCoding/DreamTeamcoding>
2. Export the repository anywhere on your local machine
3. Download and install XAMPP
 - a. <https://www.apachefriends.org/>
4. Load XAMPP and press “Start” on MySQL and Apache
5. Go to localhost/phpmyadmin
6. Click “New” on the left and create a new database called “concentration”
7. Open this database and import dscience.sql and isystems.sql
8. Rename the tables to dscience and isystems, respectively
9. Open XAMPP once again and click “Explorer,” this should take you to the folder /xampp
10. Navigate to /htdocs
11. Open the APOS folder that was downloaded from the repository and drop all of the files into the htdocs folder
12. Open your preferred browser and type in the address field “localhost” and submit.
13. Arrive at the official A.P.O.S website and begin advising!

HELPING THE USER

In order to allow a user to use the system, they must first go to their given advisor. Their advisor will help them to proceed through the web application and select the correct courses for their current plan of study.

Note: The advisor can also use the User's Manual in order to aid the user in the process.

Upon completing the process for the web application, the user will see the results page. This page will let the user see all of their classes remaining as well as their options.

At the bottom of the results page there will be a passphrase, the advisor **must** give the user this passphrase.

*This passphrase is **case-sensitive!***

The user will take this passphrase and use it to access their previous results and plan of study through the A.P.O.S. web application.

ADDING PERIPHERALS

In order to add, or change, peripherals to the A.P.O.S. system, the operator must access the corresponding files:

Home Page – The home page is located in index.html. It utilizes HTML, CSS, Bootstrap, XAMPP, and PHP in order to create the page.

Courses Page – The courses page is located in courses.php and courses2.php. The page for the data science concentration is courses.php, and the information science page is located under courses2.php.

Results Page – The results page is located in results.php and results2.php. The page for data science results is located under results.php, and the information science results page is located under results2.php.

Returning User Page – The returning user page is located in return.php and return2.php. The page for data science results is located under return.php, and the information science results page is located under return2.php. This page utilizes the database in order to match the given user passphrase with the passphrases stored in the database.

When adding, or changing, peripherals to the A.P.O.S. systems, the operator should locate the files that they would like to change and edit it accordingly. If any of the database names are altered, they must also be changed in the database itself.

REMOVING PERIPHERALS

In order to remove peripherals from the A.P.O.S. system, the operator must access the corresponding files:

Home Page – The home page is located in index.html. It utilizes HTML, CSS, Bootstrap, XAMPP, and PHP in order to create the page.

Courses Page – The courses page is located in courses.php and courses2.php. The page for the data science concentration is courses.php, and the information science page is located under courses2.php.

Results Page – The results page is located in results.php and results2.php. The page for data science results is located under results.php, and the information science results page is located under results2.php.

Returning User Page – The returning user page is located in return.php and return2.php. The page for data science results is located under return.php, and the information science results page is located under return2.php. This page utilizes the database in order to match the given user passphrase with the passphrases stored in the database.

When removing peripherals to the A.P.O.S. systems, the operator should locate the files that they would like to change and edit it accordingly. If any of the database names are altered, they must also be changed in the database itself. The operator must also pay attention to changing minor details with the system, as one small removal of a feature could change everything.

BACKING UP THE SYSTEM

In order to back up the system for safe measure, there are a few things you can do to assure that your system saves everything:

Database Backup

One simple and easy way to back up your database is by exporting the database.

1. With XAMPP started, navigate to localhost/phpmyadmin
2. Click on the concentration database
3. Click on “Export” at the top of the page
4. Click on “Go” at the bottom of the page
5. This saves a copy of the entire database with all of the users.

Website Backup

In order to back up the website, the operator must perform a few simple tasks.

1. If the website has not been changed, the operator can simply re-download the repository.
2. Otherwise, navigate to the /htdocs folder
3. Select all of the files associated with the A.P.O.S. web application
4. Copy all selected files
5. Paste these files in a safe location as a backup
6. An alternative to saving these elsewhere is to save them to the cloud.