

ITMO 544-444 Mini-Project 3

Objectives

The objectives of this project for **Undergraduates** are as follows:

1. To understand the concepts of designing applications for operations in a cloud Native Way

Outcomes

At the conclusion of this MP you will have successfully built application introspection into your cloud native application. You will have successfully enabled a process for admins to enable and disable certain features, as well as backup and restore current state of the application without shutting down the application.

Background:

This project, MP3, assumes that you have completed all or at least the critical feature set of MP1 and MP2. Create a folder in Github named MP3, and place all necessary code. All code will be delivered via Github with a submission to Blackboard of your Github URL.

Deliverable items

1. Create an additional page in your application called admin.php (or appropriate admin.xyz)
 2. Using the concept of Session create a simple login page (login.php) and a table in your database (this can be pre-made not at run time)
 3. Implement HTTP session in your application
 - a. <http://php.net/manual/en/book.session.php>
 4. Upon the admin user logging in display an additional URL/Link to your admin.php page.
 5. From this page create a toggle/switch that allows that admin to turn the uploader page functionality off – replacing the submit and browse button with a maintenance message.
 6. Create an export button that will dump the entire contents of the database to a local file that can be saved.
 - a. Test to make sure this works
- Include a ReadMe.md with all relevant information to build the application
 - **Due Date:** Saturday December 2nd 11:59 PM (last day of the semester that work can be accepted)

Grading:

- 90-100 Implement the five or more listed features above
- 80-89 Implement three to four of the features above
- 70-79 Implement two of the items above
- 69 and below implement 1 or none of the items above