

Installation Guide

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1 Setting up the Environment

The IU Physics Gradebook System requires the following software to be deployed on the application server:

- Apache 2.2.3
 - <http://httpd.apache.org/>
- PHP 5.2.5
 - <http://www.php.net/>

And a Database Server:

- MySQL 5.0.45
 - <http://www.mysql.com/>

Refer to the documents of the application server on how to install this software.

2 Unzip the IU Physics Gradebook Code

- The IU Physics Gradebook source code comes in a zipped file, either in zip format or gzip format.
- Before unzipping the source code, choose a name for the directory that will host the application.
- In the following text, `iup` is used as the name of the directory.

3 Initializing the Database

- Obtain a user account and a database schema for the IU Physics Gradebook system on the Database server.
- Modify the configurations in `iup/config/databases.yml` to reflect:
 - The DSN connection string to the database
 - User account
 - Password
- Initialize the database with `iup/data/sql/schema.sql`.

4 Configuring the VirtualHost

- The root directory of the VirtualHost should point to `iup/web`.
- Enable `AllowOverride All` on the `iup/web` directory in the server configuration files.

5 Confirmation

Open the browser window and type in the URL of the VirtualHost to ensure the system is accessible.