**Deployment Manual**

UMLify

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Introduction

This deployment manual provides step-by-step instructions for deploying the application. Before starting the deployment process, ensure that you have the necessary dependencies installed, including Python, XAMPP (or another SQL server) and an active internet connection.

# Step 1: Install XAMPP or an alternative

XAMPP is a popular choice for local development, as it includes Apache, MySQL, and PHP. Download and install XAMPP from the official website (<https://www.apachefriends.org/index.html>).

Alternatively, if you already have a SQL server installed, ensure it is running and accessible.

# Step 2: Clone the GitHub Repository

To begin, clone the application's GitHub repository to your local machine. Use the following command to clone the repository:

git clone <https://github.com/schamori/UMLifyWebseite.git>

The repository must be cloned into the “htdocs” folder from XAMPP.

# Step 3: Install Python

Ensure that Python is installed on your machine. You can download the latest version of Python from the official website (<https://www.python.org/downloads/>). Follow the installation instructions specific to your operating system.

# Step 4: Set Up the Database

Launch the XAMPP control panel or connect to your SQL server using the appropriate client.

Tick “start” for Apache and MySQL. Then click on “Admin” in the MySQL row and click on “New” on the left side of the page and then give your database the name “uml”.

Now you should click on the uml database, after that navigate to the “Import” tab on the top of the site and upload “uml.sql” which is in the “db” folder of the repository.

# Step 5: Start the Application

While Apache and MySQL are running (tick “start” on both in the XAMPP control panel), click on “Admin” in the Apache row. Now click on “UMLifyWebseite” and you will be redirected to our Homepage.

For questions regarding our website, please look at the user manual.