

# **AcadME – E-Portal of Banasthali Readme :**

Welcome to **AcadME**, a digital platform that streamlines academic and administrative tasks at Banasthali Vidyapith, connecting students, teachers, and admins.

## **Project Overview:**

Digitizes academic workflows with real-time data access, efficient feedback, and streamlined timetable, results, and assignment management.

## **Key Features:**

- **Student Dashboard :**

View attendance, results, notifications, and timetables; submit assignments; exchange feedback.

- **Teacher Dashboard :**

Update attendance, manage assignments and results, provide and respond to feedback, and upload study materials.

- **Admin Dashboard :**

Manage staff, students, courses, and timetables; monitor attendance and results; handle notifications and feedback.

## **Technologies Used**

- **Frontend**

- **HTML** – Structure of the web interface
- **CSS** – Styling and responsive design
- **JavaScript** – Interactive elements for dynamic user experience

- **Backend**

- **Python (Django)** – Server-side logic, authentication.
- **MySQL** – Data storage and management

## Setup Instructions

### 1. Clone the Repository in PyCharm IDE

<https://github.com/AnanyaGarg25/AcadME.git>

### 2. Install Dependencies

- Ensure Python, Django, and a database system (e.g MySQL) are installed.

### 3. Configure the Database

- Run the following commands in MySQL Command Line:
  - `use acadme4;`
  - `CREATE USER 'your_user'@'%' IDENTIFIED BY 'your_password';`
  - `GRANT ALL PRIVILEGES ON *.* TO 'your_user'@'%' WITH GRANT OPTION;`
  - `FLUSH PRIVILEGES;`
- Run “ipconfig” command in Command Prompt and copy the IPv4 address.
- Update `settings.py` with your database configuration:
  - In “DATABASES” update the ‘USER’ and ‘PASSWORD’ which you created before and paste the IPv4 address in ‘HOST’.
- Install the Python MySQL connector by running the following commands in PyCharm Terminal:
  - `pip install mysql-connector-python`
  - `pip install future`

### 4. Access the Application

- In Pycharm Terminal, run the command: `python manage.py runserver`
- Open your browser (preferably Chrome) and visit: <http://127.0.0.1:7000/>

## User Roles and Authentication

- Each user (admin, teacher, student) logs in with a unique email and password.
- Invalid credentials prompt an error message.
- Upon successful login, users are directed to their respective dashboards.

## Steps to Run the AcadME Project

### 1. Open the Project in PyCharm

- Navigate to the folder where you cloned the AcadME project and select it.
- Inside the cloned repository in IDE terminal, run “cd AcadME4”.

### 3. Run the Django Server

- Start the server by executing the following command: `python manage.py runserver`.

### 4. Access the Web Interface

- Open your web browser (Google Chrome is recommended).
- Enter the address:

This will load the login page of the AcadME project.

<http://127.0.0.1:7000/>

### 5. Log in to Your Dashboard

- Use valid credentials to log in depending on your role.

Admin: [admin@gmail.com](mailto:admin@gmail.com)  
password: admin

Teacher: [ajay@gmail.com](mailto:ajay@gmail.com)  
password: ajay

Student: [asmita@gmail.com](mailto:asmita@gmail.com)  
password: asmita

- Once logged in, you'll be taken to the respective dashboard for your role, where you can access all the project features.

Following these steps will get the AcadME project up and running on your local machine, enabling you to explore the dashboards for students, teachers, and administrators

### Explore AcadME :

- **Log In:** Use valid credentials for Student, Teacher, or Admin roles.

- **Dashboard Navigation:**

- View/update attendance, etc.
- Upload/submit assignments, manage courses, subjects, etc.
- Provide/respond to feedback, etc.
- Check marks, timetable, handouts, etc.

## **Interact with the Platform :**

### **Use the intuitive interface to test different modules and functionalities:**

- Submit feedback and check response status.
- View academic materials uploaded by faculty.
- Admin can manage data and user roles through the dashboard.

## **Further Testing and Optimization :**

- Test edge cases like invalid login, duplicate submissions.
- Explore the usability of all modules and gather user feedback.

With these steps, you can successfully run and interact with AcadME – E-Portal of Banasthali.

For any issues during the setup or to contribute enhancements, feel free to reach out.