

Web programming using Python - Internship - 2025

ER Diagram

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API Documentation

Common APIs

Endpoint	Method	Description	Request Object
/auth/login	POST	login a user (student, admin)	body: { email, password }
/course/all-active-courses	GET	get all active courses	-

Admin APIs

Endpoint	Method	Description	Request Object
/course/all-courses	GET	get all courses (filter on date)	query: {startDate, endDate}
/course/add	POST	adds a new course	body: {courseName, description, fees, startDate, endDate, videoExpireDays}
/course/update/:courseld	PUT	updates a course by courseld	params: {courseld}, body: {courseName, description, fees, startDate, endDate, videoExpireDays}
/course/delete/:courseld	DELETE	deletes a course by courseld	params: {courseld}
/video/all-videos	GET	fetch all videos (filter on courseld)	params: {courseld}
/video/add	POST	adds a new video to a course	body: {courseld, title, youtubeURL, description}
/video/update/:videold	PUT	updates video details by videold	params: {videold}, body: {courseld, title, youtubeURL, description}
/video/delete/:videold	DELETE	deletes a video by videold	params: {videold}
/admin/enrolled-students	GET	get all enrolled students (filter on courseld)	query: {courseld}

Student APIs

Endpoint	Method	Description	Request Object
/student/register-to-course	POST	registers student to a course	body: {courseId, email, name, mobileNo}
/student/change-password	PUT	change password	body: {newPassword, confirmPassword}
/student/my-courses	GET	get all registered courses of a student	-
/student/my-course-with-videos	GET	get all registered courses of a student along with valid videos	-