

# Bobby school System

Error handling and Assignment submission for students

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# Sample error handling

- Error page for invalid URLs.
- Provides navigation options:
  - Go Home - Go to login page
  - Go Back - Go to last valid page

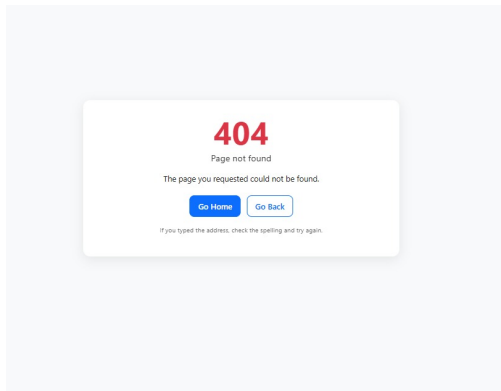


Figure: 404- error page

# Questions For Your Class

- Displays a list of assignment questions assigned to the student's class.
- Filter option for subjects is present.
- Student can either edit or add the assignment based on the question given by the teacher.

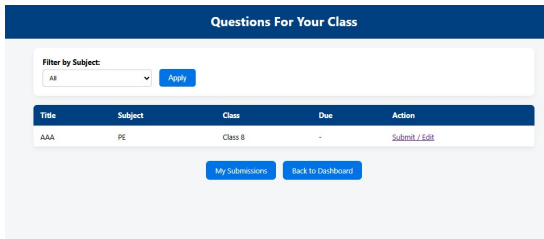


Figure: Question for your class page

# Submit / Edit Assignment

- Allows upload or edit the assignment file.
- Comment for the teacher can be added by the student.
- Once submitted submission updates status to “submitted”.

The screenshot shows a web form titled "Submit For: AAA". At the top, it displays "Subject: PE", "Class: Class 8", and "Due: -". Below this is a "Description:" section with a text area containing "AAA" and a link "Download attachment". A status bar indicates "Your current status: submitted" and "Current file: Download". The "File" section shows "Currently: assignment\_submissions/aaa.xml" and a "Change:" section with a "Choose File" button and the text "No file chosen". There is a "Comment (optional)" section with a text area labeled "comment:". At the bottom, there are three buttons: "Update Submission", "Back to Questions", and "Back to Dashboard".

Figure: Enter Caption

# XXE error

- The uploaded assignment can be .xml file.
- XML file is parsed unsafely with DTD and entity resolution enabled.
- Vulnerable to XXE and thus we can perform Billion Laughs attack.

**This page contains the following errors:**

error on line 1 at column 25: Maximum entity amplification factor exceeded, see xmltxtSetMaxAmplification.

**Below is a rendering of the page up to the first error.**

Figure: Error for denial of service

# My Submissions

- Displays all assignments submitted by the student.
- The marks and feedback given by the teacher can be seen here.

My Submissions							
Question	Subject	Class	Submitted At	Status	Marks	Feedback	File
AAA	PE	Class 8	Aug. 9, 2025, 6:37 p.m.	submitted	14.00	Aytdshjhgdsjdb	<a href="#">Download</a>

[Back to Questions](#) [Back to Dashboard](#)

Figure: My submission page