



TEAM
ASTRO
PUPPETS
**SMART ABESEC
HACKATHON**

—● COMPETITION ●—

**TEAM:
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PROBLEM STATEMENT

A web application can automate the procedure of assignment assesment so that professors can track the number of practicals completed by each student. After writing or executing the code, students are able to paste or upload the file to a web application. The window verifies the input and output using custom test cases, then stored in their repository after passing all test cases.



● ● ● STUDENT PORTAL

- • Login / logout
- • Select practical subject with code
- • Can see lab manual
- • Can see allocated lab number with completion date
- • Able to paste the code or upload by file
- • Able to see whether it passes all test cases or not (use color codes for that)
- • Option to generate pdf by selecting number of practical from check box
- • The pdf should contain digital signature associated with each completed practical
- • A QR code can be shown to faculty anytime to verify total completed practical instantly (faculty don't have to login, just scan by any mobile device)





FACULTY /ADMIN PORTAL

- Login/ logout
- List all practical subject allocated to faculty
- Upload lab manual
- Add practical and completion date, by excel file or manual.
- Add custom test cases for particular problem
- See the list of students and their completed practical.
 - Course creation, And viewing course.
- Verify the practical by adding digital signature
- A faculty can have more than one practical subject

WHAT WE HAVE IMPLEMENT NEW!!



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FOR WATCHING

