

Projify

SAMPLE PROJECT PREVIEW

Student Result Management System

This is a real excerpt from an actual delivered project — the report, viva prep, and deliverable list you'll receive, not a mockup.

Basic Tier · ₹1,499 – ₹2,799 · Python, Flask, SQLite

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EXCERPT FROM: SRMS_Project_Report.docx

Chapter 1: Introduction

1.1 Overview

In today's educational environment, managing student academic records manually is time-consuming and error-prone. The Student Result Management System (SRMS) is a web-based application designed to automate and simplify the process of managing student records, entering subject-wise marks, calculating results, and generating individual result cards.

The system eliminates the need for manual calculations by automatically computing the total marks, percentage, grade, and pass/fail status for each student based on their subject-wise marks entered by the administrator.

1.2 Problem Statement

Traditional result management in educational institutions involves manual entry of marks into registers, manual calculation of percentages and grades, physical storage of result records, and difficulty in retrieving individual student results quickly. This manual process is inefficient and prone to errors.

2.3 Feasibility Study

Technical Feasibility: Python and Flask are free, open-source technologies with excellent documentation and community support. SQLite is a lightweight, serverless database requiring no separate installation.

Economic Feasibility: The entire technology stack is free and open-source. No licensing costs involved.

...continues for 8 more chapters in the full report (System Design, ER Diagrams, Implementation, Testing, Screenshots, Conclusion & Future Scope).

EXCERPT FROM: SRMS_Viva_QA.docx — 4 of 20 questions

Sample Viva Prep Questions

Study these questions carefully before your viva. Understand the concepts — do not memorize.

Q1. What is the pass condition in your system?

A student passes only if they score at least 40% (pass marks) in EACH individual subject. Even if overall percentage is above 40%, failing in one subject results in FAIL status.

Q2. What are the two database tables in your project?

Table 1 — students: stores roll number, name, branch, and semester. Table 2 — results: stores student_id (foreign key), subject name, marks obtained, and maximum marks.

Q3. What happens when you add a student with an existing roll number?

The roll_no column has a UNIQUE constraint in the database. If a duplicate is inserted, SQLite raises an IntegrityError which Flask catches and shows an error flash message.

Q4. How would you add a PDF export feature in future?

I would use the ReportLab or WeasyPrint library in Python to generate a PDF from the result data and provide a download link on the result page.

16 more questions like these are included in the full Viva Prep sheet you receive.

What You Get With the Full Package

- ✓ Full source code (ZIP) — runs on your machine, tested and verified
- ✓ Complete project report (all 9 chapters, formatted for your college)
- ✓ Presentation (PPT, 10 slides)
- ✓ Full Viva Prep sheet (20 questions & answers)
- ✓ Student setup guide (step-by-step, for beginners)
- ✓ 7-day WhatsApp support after delivery

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