

Introduction to Computer Programming and Data Structures Project

Maximum Marks: **100**

Submission Deadline: **2022-Dec-15**

Topic: Quick Verification of Transcripts for Universities

Project problem # PP0002

Most of the universities in the world issue mark-sheets/transcripts for its students. The transcripts generally have a stamp/seal on it as an authentication entity. However, we have seen students forge them to show better marks. If an authority wants to verify them, they have to send a request to the corresponding university. It requires a long time and human resource to process and get the verification result.

Our question is, can we design an efficient protocol to design a system where anyone can verify the transcript instantly?

Please make a draft containing at least the following.

- Assumptions
- System model
- Limitation of the protocol.

[100]