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WorkSheet:- 2.3

Student Name: Vivek Kumar   **UID:** 21BCS8129
Branch: BE-CSE (LEET)   **Section/Group:** 20BCS-809/A
Semester: 4th Sem   **Date of Performance:** 29/03/2022
Subject Name: SE Lab   **Subject Code:** 20CSP-255

AIM: Design a Sequence and collaboration diagram of School Management System?

Objective: A Sequence diagram is an interaction diagram that details about the operation that is carried out. The sequence diagram captures the interaction between the objects in the context of collaboration. Sequence diagrams are time focused and they show the order of the interaction visually by using the vertical axis of the diagram to represent time.

Collaboration Diagram represents the interaction of the objects to perform the behavior of a particular use case or a part of use case. The designers use the Sequence diagram and Collaboration Diagrams to define and clarify the roles of the objects that perform a particular flow of events of a use case.
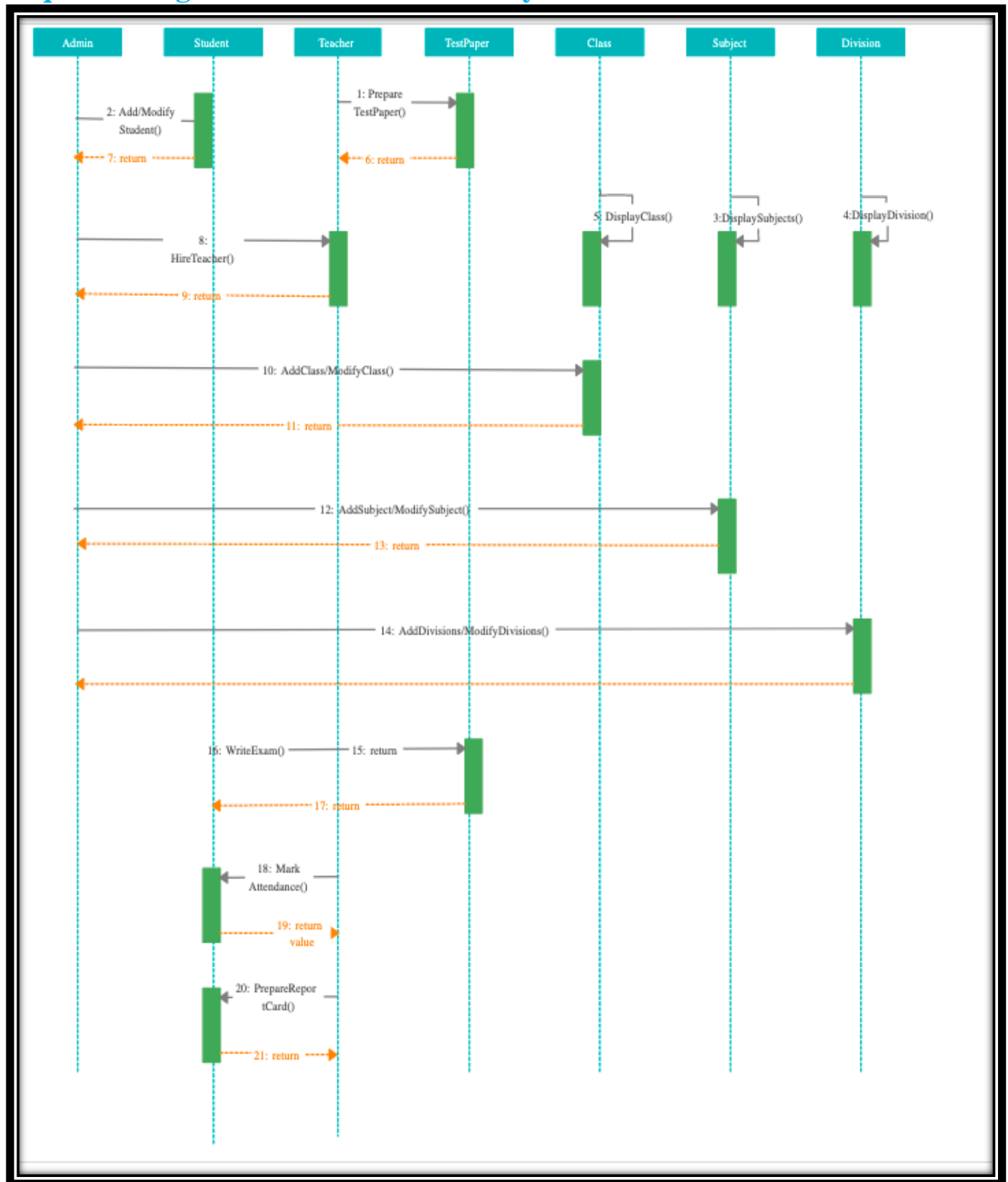
Requirement Analysis
Software Requirement

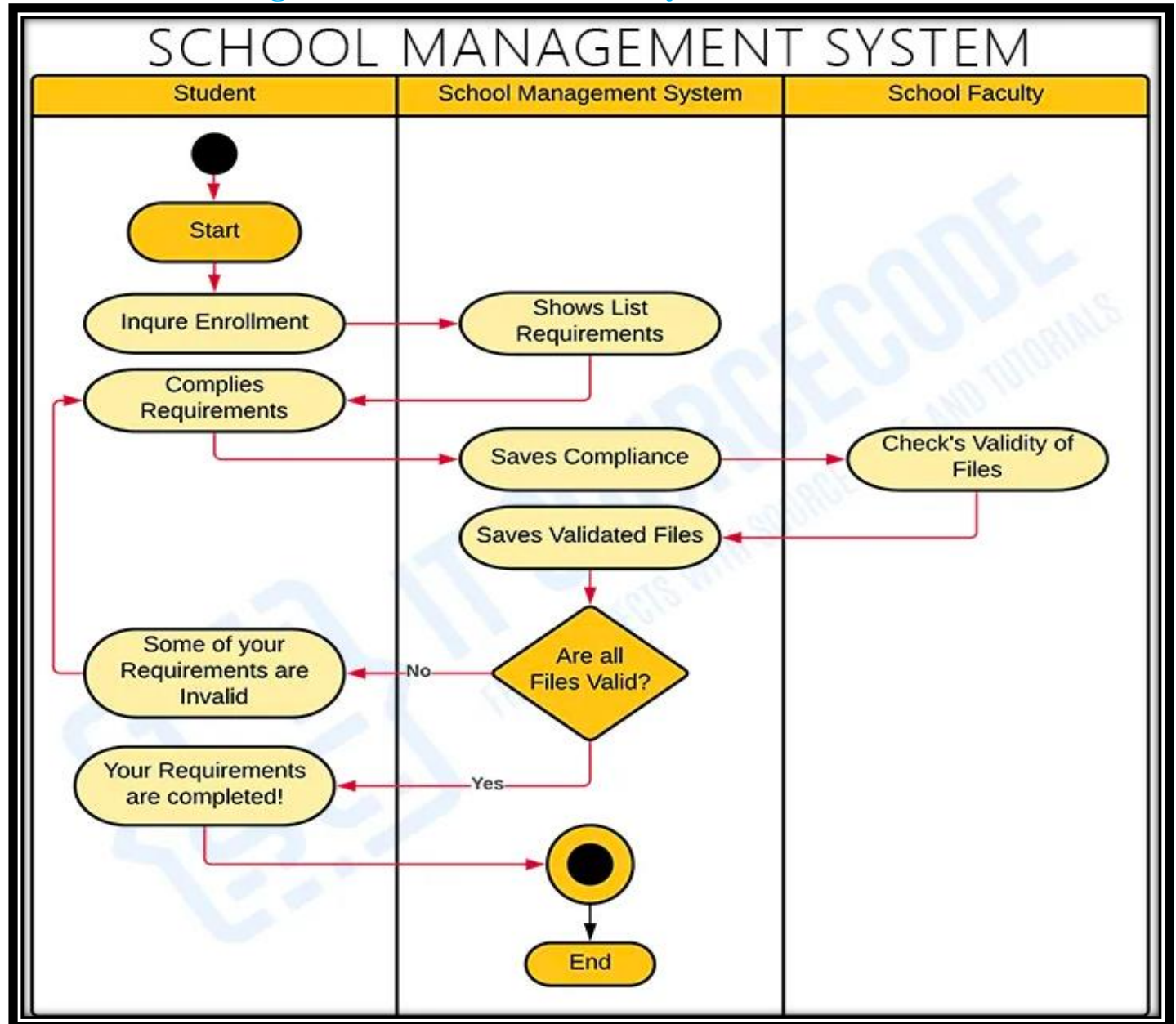- Windows10 / Mac-OS
- Apps.diagrams.net
- Google chrome

Hardware requirement

- Computer / laptop
- Power supply

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Sequence diagram of an Online Exam System

Collaboration diagram of an Online Exam System

SCHOOL MANAGEMENT SYSTEM

It is designed for both student and the admin of the School. It shows more detailed information on the interactions between the system and its users. This design informs readers or users that the system provides security for the important transaction records and can only be accessed by authorize personnel.

The purpose of this design is to figure out the series of activities that will happen when using the system. Since the School Management System is expected to have a lot of users, its activities must be organized. Your main goal is to ease the way of handling school information and automate activities. To achieve that, designing this collaboration diagram will be our guide and basis.

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Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			