



Certificate

This is to certify that

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Project Title

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Internal Examiner

Project Guide

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Abstract

V-Practicals is an integral part of smart education. There are many V-Practicals systems that are widely available to educational institutions. The challenge is to easily integrate the V-Practicals system into a smart educational environment based on the requirements of the users. The V-Practicals services rely on a software system that allows access to all the materials for the educational process and makes them electronically available to all the students on the Internet whenever they need and wherever they are.

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Introduction

Our Project Title is V-Practicals . A system based on formalised submission of practical and assignment but with the help of electronic resources is known as V-Practicals. While submission can be based in or out of the classrooms, the use of computers and the Internet forms the major component of Submitting resource V-Practicals. However, with the rapid progress in technology and the advancement in systems, it is now embraced by the masses. Practical submission can also be termed as a network enabled transfer of skills and knowledge, and the delivery of education is made to a large number of recipients at the same or different times.

Review of Literature

In recent years, the quantity of online applications in Kurdistan Region of Iraq is growing steadily due to better presentation of internet connection bandwidth from local ISPs. This growth has notably influenced the governmental organizations to improve their web services. Therefore, a movement of online journal system is convincing many institutions and universities to implement an infrastructure for gathering and issuing electronic journals (e-journals). Over the last few years, ejournals are considered to be significant resources of preserving scientific communication amongst researchers. Starting from the late 1970s, the first growth of e-journals begins and continued till the early 1990s. A second period of e-journals evolution began in early 1990s where the World Wide Web is invented. So, similarly to printed versions of journals, publishers began to publish e-journals on the Web.[1]

A third period of e-journal evolution began from year 2000 where advanced technologies such as searching and filtration features were incorporated in the e-journals [2].

Time management [and] planning, coordinating and organising ability [are some of] the attributes employers expect to find in graduate

recruits' (The Pedagogy for Employability Group, 2006, p. 4). Providing students with the opportunity to develop transferable skills so that they are fully 'aware of the importance of proper planning and time management.[3]

Today's education system is looking like web that is spreading itself in the society. If education is given in interesting ways, then students do not get bored. Like; taking online Quiz, submit online practical ,View result of quiz etc. Online examination should allow setting quiz of all types (like, MCQ, Short, Match), conducting exam reports etc. Some of the problems faced by manual examination systems are delays in result processing; filling poses a problem, filtering of records are not easy. Maintenance of the system is also very difficult and takes lot of time and effort. Most of above issues can be resolved by online examination.

The Quiz activity allows to design and set quizzes that consisting variety of question types, like MCQ, matching, true-false, short answer type's questions. [4]

Only six per cent of partially online assessable units had a final exam that could be taken online. Of the partially online assessable units without an online final exam, 83 per cent had a traditional pen and paper final exam, indicating that the use of final exams is quite widespread. Overall, 84 per cent of partially online assessable units had a final exam. (Byrnes & Ellis, 2006) [5]

Journals constitute an important part of a library collection being the most important vehicle for global scholarly communication. Tremendous developments in ICT in the recent years have given amazing boost to electronic publishing. As a result the information which is being generated at intense pace from all the directions world wide for all the themes is now being published in form of electronic journals (e-journals). Anyone with access to a computer equipped with a modem and suitable software can produce and distribute an e-journal through a computer network, thus journal publishing is being democratized. Usually, e-journals are published as electronic equivalents of their print counterparts but recently there is an increase in number of scholarly journals which are being published only electronically. As a result, e-journals have emerged as vital components of information resources of a library and play an imperative role in the distribution of prime information. E-journals have been defined in different ways by different authors. An early definition by McMillan (1991) described electronic journals as "any serials produced, published, and distributed via electronic networks such as Bitnet and the Internet." [6]

Plan of Work

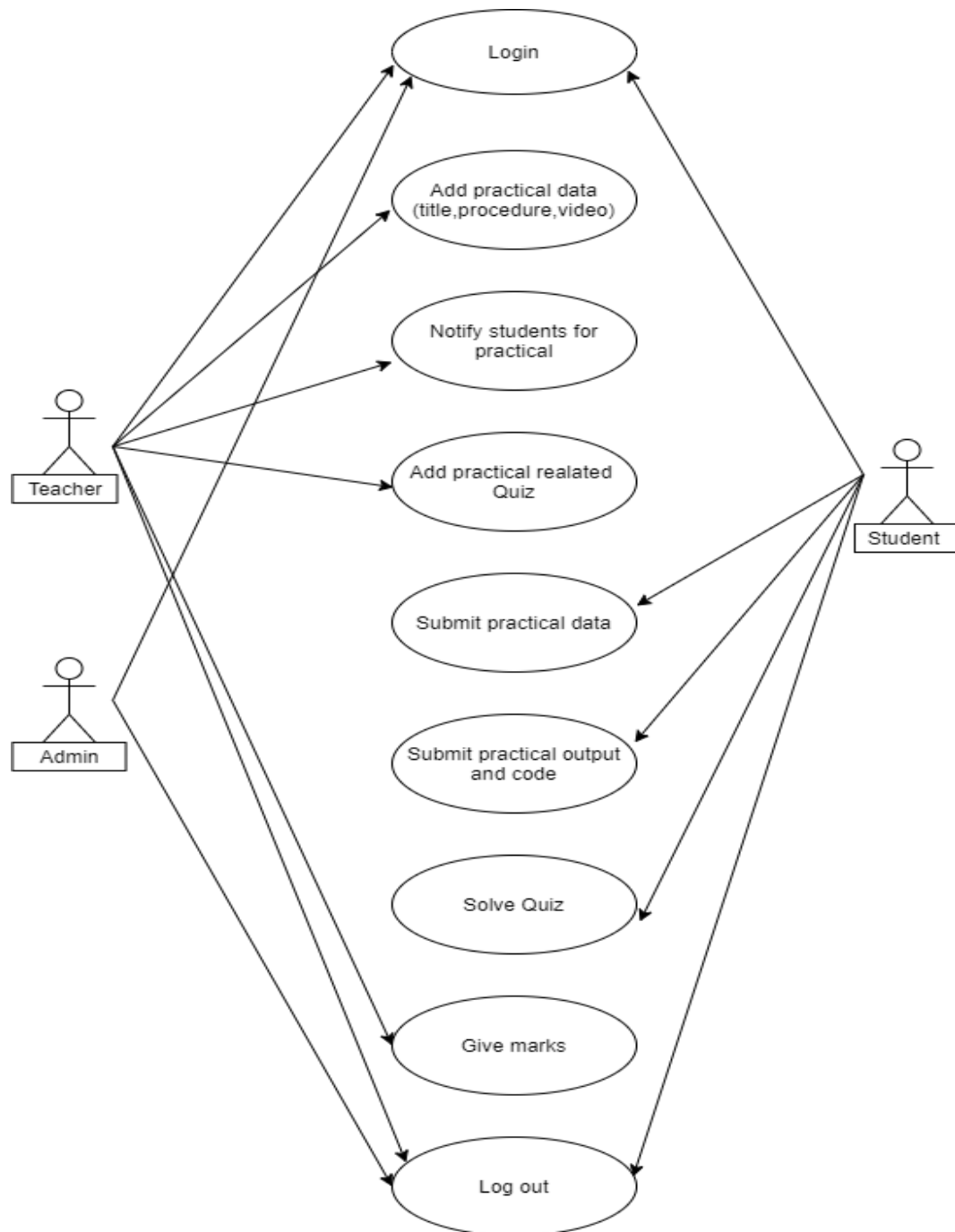
Week	Plan
1	Collecting information about the technology. Learning new technology like PHP, MySQL, etc.
2	Gathering the requirement. Planning and scheduling the task.
3	Analysis about the project, Designing the GUI.
4	Start developing the code for admin, Execute the code and check for errors. Resolve the error and again execute the code.
5	Start developing the code for student, Execute the code and check for errors. Resolve the error and again execute the code.
6	Start developing the code for teacher, Execute the code and check for errors. Resolve the error and again execute the code.
7	Testing the working of admin side database, check if records are getting properly inserted into the database
8	Testing the working of student side database, check if records are getting properly inserted into the database
9	Testing the working of teacher side database, check if records are getting properly inserted into the database.
10	Implement the project, train the users, deploy the project.



V- PRACTICAL

V- PRACTICAL
PRERANA JALGAOKAR

Task name	Assigned	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
PROJECT											
Collecting information about the technology Learning new technology like PHP, MySQL,.	PRASAD										
Gathering the requirement											
Planning and scheduling the task. Analysis about the project, Designing the GUI	SHUBHAM										
Start developing the code for admin. Execute the code and check for errors.											
Resolve the error and again execute the code. Start developing the code for student.	SANKET										
Execute the code and check for errors. Resolve the error and again execute the code.											
Start developing the code for teacher. Execute the code and check for errors.	YASH										
Start developing the code for STUDENT, Execute the code and check for errors.	PRASAD										
Resolve the error and again execute the code.	SHUBHAM										
Testing the working of admin side database, check if records are getting properly inserted into the database	SANKET										
Testing the working of student side database, check if records are getting properly inserted into the database	YASH										
Testing the working of teacher side database, check if records are getting properly inserted into the database.	PRASAD										

Design (UML Diagram)**Fig 1.1 Use Case Diagram**

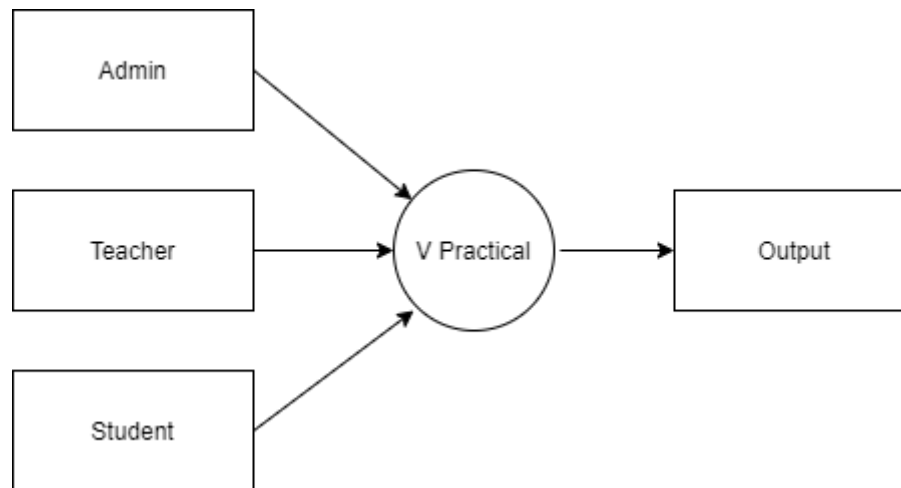


Fig 1.2 Data Flow Diagram (Level 0)

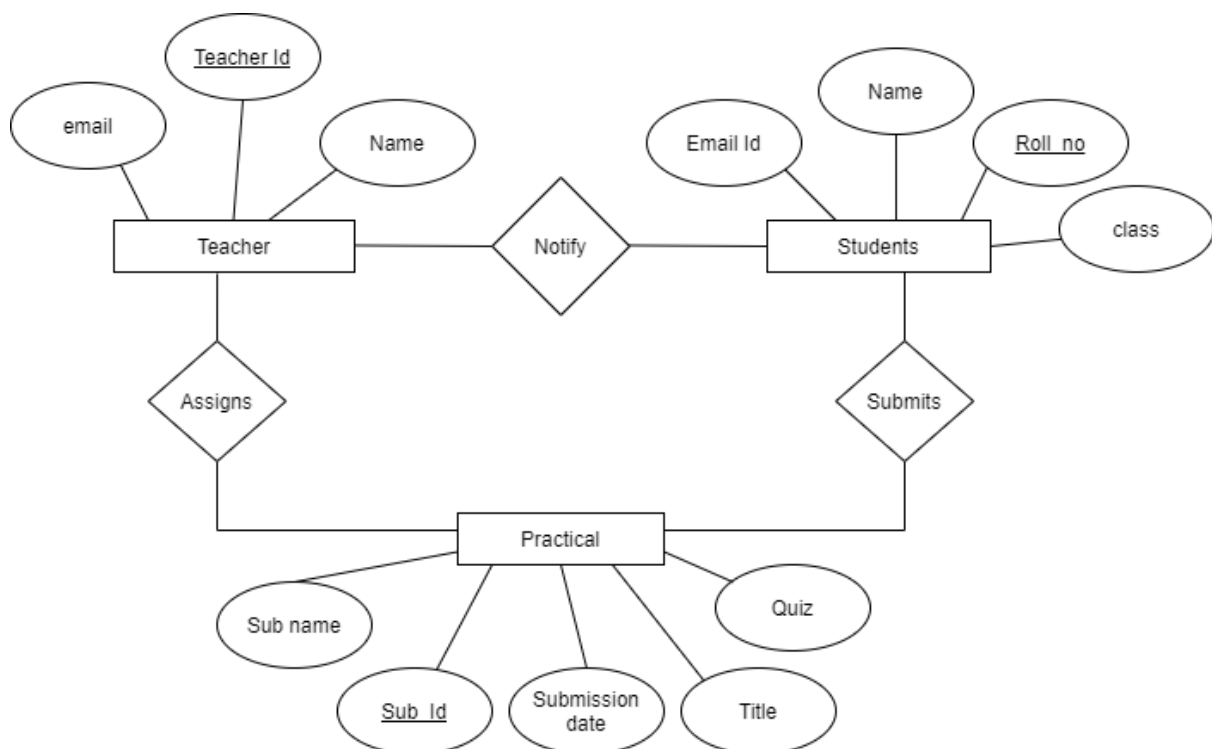
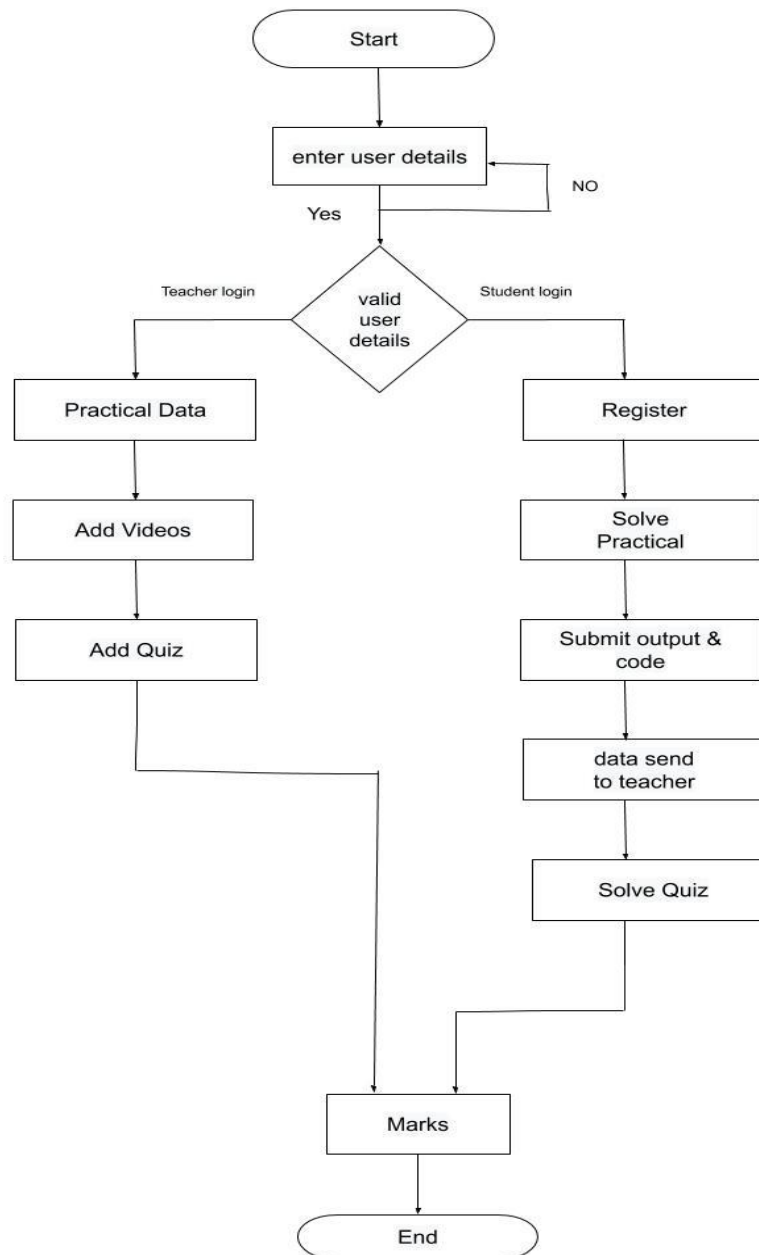


Fig 1.3 E-R Diagram

**Fig 1.4 Flowchart**

Pros

- It is a very efficient way of delivering files online.
- You can easily submit and deliver any documents .
- Practical ,Quiz will be available in app which is uploaded by teacher.
- Simple UI and user friendly.
- Not only can you train yourself on a day to day basis, but also on weekends or whenever you have the free time to. There is no hard and fast rule.
- You are able to link the various resources in several varying formats.
- As you have access to the internet 24x7, you can train yourself anytime and from anywhere also.

Cons

- If someone doesn't have internet then our application will not work.
- There is also the problem of the extent of security of online submission programs.
- Lacks social interaction.

Applications

- Help to submit from anywhere at anytime.
- It is interactive between teacher and students.
- You can download practical uploaded by teacher.
- Some reference link about concept will be provide for more information to the student.

References

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