

Class Tasks 9.1.2

Suggested Answers



Class Task 1.2 - Project Scope

- Individually or in small groups:
- Think about the project for adding a new student registration system.
- What are the start and end times of the project and why?
- What are the required tasks of the project and why?
- **Time allowed 15 minutes.**

Suggested Answer:

Start Time

Project	Description
The project will need to start during the holidays	This should be because no members of staff can be using the new register system and no classes can be running
The project should run during the summer holidays	<p>This is because should there be any issues, this will only affect new classes at the start of the academic year.</p> <p>If the system is introduced in the middle of the school year, then it is possible that important attendance data could be lost or registers not be taken which could have an impact on student performance.</p>

End time

Project	Description
The project needs to be completed by the end of the first week of the new academic year	The summer will be for installation and some limited testing of the new system, but the project will only be truly ready when it is being properly tested by the entire school or college. Only at this point will any problems appear of lots of teachers trying to access the system at the same time.



Required Tasks

Project	Description
Install the new register software	The register system will need to be installed somewhere - either on a server within the school or college network or on a cloud server somewhere.
Configure the registration database	The database will need to be set up with the names of the students in the school as well as the lessons and times of lessons they are attending.
Allow teachers access to the register	Depending how the system is set up, the register might need to be installed on each machine, or if it is on the cloud it will be accessible using a browser. In either case the system will need to be set up to allow teachers to access the system, but students will be blocked.
Make sure that registration data is saved correctly	The system will need to be tested to make sure that a student can be registered correctly. Typical registrations could be Present, Absent, Late, Authorised Absent
Make sure the database is backed up	This database will record critical information about student attendance. This information will be used in any disciplinary record or to help in progress tracking of students failing to meet predicted grades. This data needs backing up several times a day and nothing should be lost.



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