



MAD - 1 Project and Viva

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MAD-1 Project and Viva

Note: This document is under revision

Instructions to the students

- Submit your code, report (with presentation video link) (all wrapped in a single project folder) on the portal in the following format:
 - .zip for project code (including project report and project presentation video)
 - .pdf for project report (with presentation video link)
- Submit a checklist that acts as a self-declaration on the components of the project that you agree to have completed.
- The project folder must reside in the root directory of the zip submission folder. Kindly note that there should not be any other file or folder in the root directory except the project folder. You are supposed to keep all the files/folders (including project report and presentation video) of your application inside the project folder.
- If your submission is reported as invalid, then submit a valid project code in the specified format before the deadline. See the guidelines for more details on when the submission may be treated as invalid.



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objective type and will last for about 20 mins. This will be conducted by the IITM team.

- Once the conformity is ensured, you will attend Level-2 viva. In this level, the assessment will be on the quality of the project work, the extent of your involvement, your ability to modify the code at various levels, your depth of understanding, and your understanding of the course in general. This level will be conducted by industry experts and course instructors.
- Once you successfully complete and pass Level-2 viva, your project course is completed, subject to the clearance of plagiarism checks with all the submissions made in that particular term.



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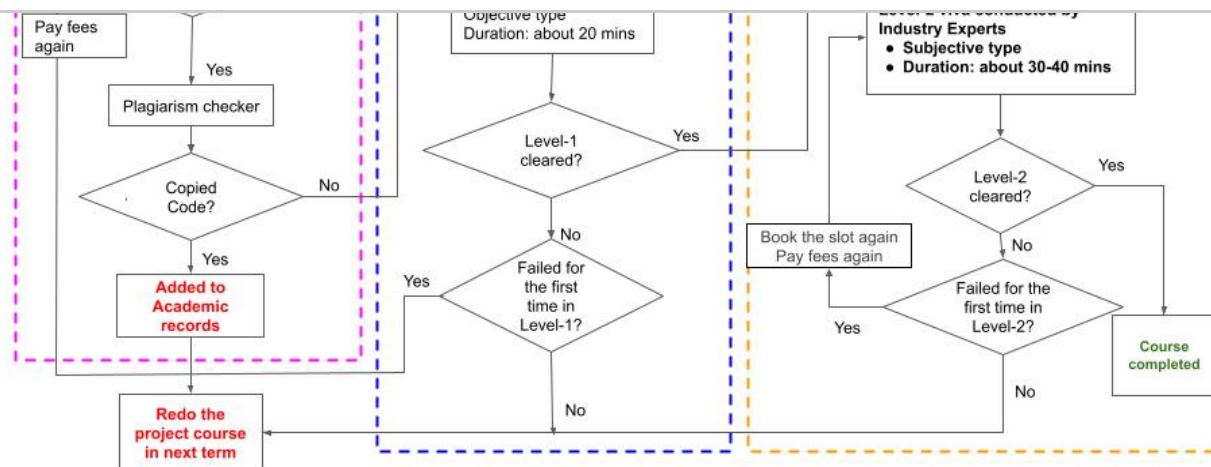
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Flowchart for viva workflow



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Score weightage and minimum pass score (tentative)

	Weightage	Pass Percentage	Pass Score
Level - 1	40%	70%	28/40
Level - 2	60%	50%	30/60

Project Submission Starts: Jan 22, 2023

Project Submission Deadline: Apr 9, 2023



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DO's AND DON'Ts:

- At the start of the viva, have the soft copy of your ID card ready to be shared via screen-share.
- Before the examiner joins, ensure that your microphone, camera, and screen-sharing are working well. You may confirm this with the help of the viva observer.
- Keep your code organized and accessible, it will be easier when you are asked to make changes in the code during your viva.
- If you are using your local system for demonstration, make sure you have all the dependencies installed in your system beforehand and that you do not need to install anything during the viva. The total duration of the viva should be dedicated to the demonstration, the evaluation of your project, your depth of understanding, and your understanding of the course in general.
- For those who are using applications like replit.com, it is recommended to keep a copy of your project (all the source code and dependencies installed) in your local machine as an alternative so that you can continue with the demonstration in the case when replit.com is not accessible.

PRELIMINARY LEVEL:

- The students are advised to follow the following order in implementing the project requirements:
 - First, focus on the *core and graded* requirements, followed by *recommended* requirements and finally the



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team will not engage in verifying claims of the demonstrated code having minimal deviation from the submitted code.

- Submit your code, report, and presentation video (all wrapped in a single project folder) on the portal in the following format:
 - .zip for project code (including project report and project presentation video)
 - .pdf for project report
 - .mp4 for project presentation video
- Submit a checklist that acts as a self-declaration on the components of the project that you agree to have completed.
- The project folder must reside in the root directory of the zip submission folder. Kindly note that there should not be any other file or folder in the root directory except the project folder. You are supposed to keep all the files/folders (including project report) of the application inside the project folder.
- If your submission is reported as invalid, then submit a valid project code in the specified format before the deadline. Following are the possible scenarios where your submission will be considered as **invalid**:
 - It is not a zip file.
 - The project folder does not reside in the root directory of the zip submission folder.
 - There are other files or folders in the root directory other than the project folder.
 - The files/folders (including project report) of the application are not inside the project folder.
 - Submission does not contain any '.py' file.
 - The submission contains only PDF/text files.
 - The compiler is unable to unzip your submission.
 - Your submission contains corrupted files (files with unrecognized extensions).



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event will be added to your academic records, and IITM BS Degree program will not provide any support for internships/placements.

- If your submission is valid, and has passed the plagiarism checker, then you will be given the option to book your Level-1 viva slot.

LEVEL-1 & LEVEL-2 VIVA:

- In Level-1 viva, an assessment is done to check if the project conforms to the basic requirements given in the project statement. This is of objective type and will last for about 20 mins. This will be conducted by the IITM team.
- If you do not pass Level-1, then you have to re-submit the project within the deadline. You have to pay an amount of ₹1000 to cover expenses incurred in running your code through the plagiarism checker and other processing overheads. If you do not submit the project before the deadline, you have to re-register for the project course in the next term, complete the project specified for that term, and attend the viva in that term.
- Once the conformity is ensured, you are given slots to book for Level-2 viva. In this level, the assessment will be on the quality of the project work, the extent of your involvement, your ability to modify the code at various levels, your depth of understanding, and your understanding of the course in general. This level will be conducted by industry experts and course instructors.
- If you do not pass Level-2, then you have one more chance to appear for the viva by re-booking the slot. You will have to pay an amount of ₹1000 to cover the honorarium for the examiner, and the processing overheads.



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their slots cannot be rescheduled. If a rescheduling is required due to cancellation from your side, then you have to pay an amount of ₹1000 to cover the honorarium for the scheduled examiner and other processing overheads.

HOW TO AVOID PLAGIARISM:

- Do not make your code available to anyone else until you get a grade for your project course.
 - Please note that if the plagiarism checker flags your code as copied, everyone who has a similar code as yours will also be flagged.
 - Irrespective of who wrote the code, everyone flagged as copied will receive the same penalty. In this regard, specifically note the following:
 - Do not upload your code to any public repository.
 - Do not share your code with anyone (registered or not registered for the course) even during discussions, via files, screen share, screenshots or any other means that could result in the code being copied.
 - The course support team will NOT engage in the exercise of ascertaining the source of the code.
- Ensure that the business logic of your application is completely written by yourself.
 - You may refer to the official documentation (for purposes like configuration statements), however, taking code snippets from other external sources is NOT permitted.
 - Make sure you are able to answer questions about your code. If you have taken code snippets from standard tool documentation, ensure that you know the purpose of those code snippets, and what happens if



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- are capable of detecting such issues.
- Copying from an external source and adding a number of irrelevant lines of code to beat the plagiarism checker is not acceptable. Your code should not contain any unreachable components, which are not relevant to the functionality of the application. If this is flagged either by a preprocessor before scheduling the viva or by the examiner during the viva, your code will be categorized as plagiarized, and your viva will not be treated as completed.
 - The plagiarism checkers are also sensitive to changes in the sequence of code blocks. If you copy code from outside and change the sequence of blocks of code, it will be flagged by the plagiarism checker.
 - Please note that the accepted value for similarity, and the minimum number of lines in the code to run plagiarism checkers on it, will be decided based on the submissions we receive. Clearly, your aim should be to produce a clean, working application rather than beating the plagiarism checker.
 - Do not get the code written by any friend, family member or any acquaintance. You may take help when you are unable to proceed, but unless you are able to explain the code, and make modifications as suggested, your viva will not be treated as completed.
 - As far as possible, use the same system throughout the process of development of your application till your viva gets over. Otherwise, excuses like 'this application was developed in another machine, and hence something is not working / not accessible / not in the local drive' etc. will NOT be accepted. You are expected to demonstrate a full application as per the specifications given in the project statement, irrespective of how many machines you have used to develop your application.



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link. So, make sure you first validate your submission using validation Google form, and then submit. Once submitted, you will be evaluated based on that submission only.

2. The project root folder must reside in the root directory of the zip submission folder. All the project files and folders must reside in the project root folder.
3. Do NOT edit even one single alphabet in your code. If the code you demonstrate is different from the code you submitted, even by a single alphabet, you will not be allowed to attend any of the vivas. The course support team will not engage in verifying claims of the demonstrated code having minimal deviation from the submitted code.
4. If the plagiarism checker flags your code as copied, everyone who has a similar code as yours will also be flagged.
5. At any point of time during the viva process (even if your Level-2 viva is over), if your code is flagged by the plagiarism checker as being copied, you will be subjected to disciplinary action.

Tentative Timeline for Level1 & Level2 viva's:

Viva Schedule		
Submissions Received	Level 1 vivas	Level 2 vivas
Jan 22 - Jan 31	Saturday February 4,2023	Feb 8 to Feb 10
Feb 1 - Feb 15	Monday February 20,2023	Feb 23 to Feb 25
Feb 16 - Feb 28	Sunday March 5,2023	Mar 9 to Mar 11
Mar 1 - Mar 15	Monday March 20,2023	Mar 24 to Mar 26
Mar 16 - Mar 31	Wednesday April 5,2023	Apr 10 to Apr 12



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