AI Project Review (12-04-2025)

Team Members with enrolment number:

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2. —
3. —

Project Title: Virtual Try-On

Work Done Till Now	Work planned to do today
- preprocessed the HR-VITON dataset and applied VITON-HD model but not get successful outputs. - Tried another model StableVITON but not get the desired outputs → planned to implement Mediapipe library - Research on how to use mediapipe library and how it works for Virtual-Try on.	- Start setting up Mediapipe in the project env. - Explore and Test the Pose Estimation & selfie Seg-mentation modules from Mediapipe. - Identify key landmarks required for improved garmet fitting.

Work Done today	Work to be done in Next 15 days
- landmarks detected using mediapipe. - clothes overlap on the user's body. but cannot make Perfect fitting as it takes the fix Size of the clothes. - It takes the length according to user's body but not takes the width.	- Explore about how it take the perfect fitting over user's body. - Try to take user's body measurment. So, it will help in recommandation of clothes of their size. (not sure about this point, but will try).

AI Project Hackathon (09-05-2025)

Which tasks you did after 12th April, 2025? Enlist them along with the success you would have obtained with challenges faced by you.

- Integrated mediapipe to detect key body landmarks.
- Detect body angle and position from a front-facing person.
- Resize and rotate T-shirt image to match the body
- overlay the rotated T-shirt on the person.
* challenges :- T-shirt's doesn't perfectly align or scale to the person's body in some cases.
- overlap appears either off-center or in an unnatural direction.

Work planned for today	Final Work Completed
- If live or accurate overlay fails, will switch to image-based simulation - If live overlay works, them will work on user's body measurement.	→ Live overlay works. clothes are overlaping on the human's body

I/We assure to submit following things to consider the complete submissions of the AI project, by 15th May, 2025. Else, I/We know about penalty of marks.

1. Pending tasks of the project
2. All the codes in the github repository (Link of Github to be submitted)
3. Record video explaining the entire project (Public Link of the video uploaded over YouTube)
4. Project Report in the mentioned format

Signature of student(s):