SYNOPSIS OF THE MAIN PROJECT

Name of the Student	Shilpa B
Batch & Roll Number	MCA B batch Rollno:44
Contact Number & Email id	7306490391 shilpas2101@gmail.com
Name of Project Guide	Dr.SHidha M V
GitHub ID	https://github.com/shilpa2101
Project Title	AI- based fashion design system
Area of the Project	GAN Technology
Date of Submission	10/1/2025
Description of Project :The AI-Based Fashion Design System is an innovative solution that integrates deep learning to automate and enhance the fashion design process. Using StyleGAN2, the system generates creative and high-quality garment designs based on user-provided images and text descriptions. It features a user-friendly desktop interface for customization, a feedback loop for continuous improvement, and a virtual try-on feature to visualize designs on digital models. This system streamlines repetitive tasks, provides trend-driven and brand-specific outputs, and supports designers with data-driven insights, making fashion design faster and more efficient.	
Front End & Back End Tools	- Front-end:Flutter - Back-end: Python,TensorFlow,OpenGL