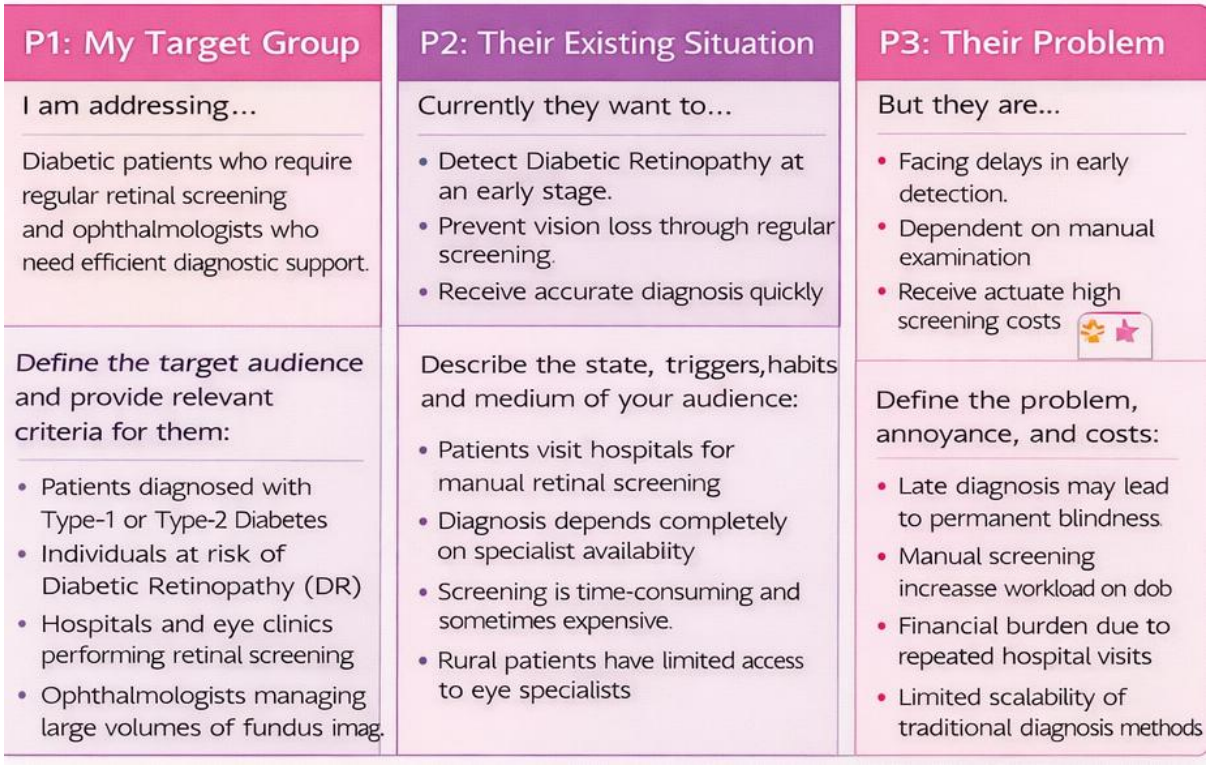
Project Design Phase

Problem – Solution

Date	14 February 2026
Team ID	LTVIP2026TMIDS88398
Project Name	Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy
Maximum Marks	2 marks

Problem – Solution :



S1: How I Solve It	S2: My Behavior Change	S3: Proof That It Works
I offer a way...	The change for them is...	I know they will...
An AI-powered *Deep Learning* system that analyzes fundus retinal images and automatically classifies the stage of Diabetic Retinopathy.	From manual and delayed diagnoss > to automated and quick prediction > From limited access to specialists > to clear DR stage classification	Model trained on tabeled retinal image dataset Achieves high classification accurac during testing phase

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