## Focus on J&P, tap into BE, understand RC Identify strong TR & EM AS 동 띪 undergoing a comprehensive dilated exam to detect the She prioritizes her health over her other activities. She is also open to treatment through medicine like allopathy. She seeks a professional physician either through online or offline methods. They consult the professional and begin to treat the issue as soon as possible. Asking for opinion and advice from family and friends She seek advices through their personal friends and family She looks for any lifestyle changes that can be made that can be improve her condition. Regular eye exams, good control of your blood sugar and blood pressure, and early intervention for vision problems can help prevent severe vision loss. Reading reviews of people having blurry vision looking for home treatment for poor vision browsing about the blurry vision. finding the cause of the problem taking medicines prescribed. Regular check-up of eyes. 5. AVAILABLE SOLUTIONS 8. CHANNELS of BEHAVIOR consulting a doctor 7. BEHAVIOUR problem. 8.2 OFFLINE 8.1 ONLINE rry to get at least 150 minutes of moderate aerobic activity, such as walking, Eating healthy foods, exercising regularly and losing excess weight can help. Take The glycosylated hemoglobin test, or hemoglobin A1C test, reflects your Smoking increases your risk of various diabetes complications, including Record your blood sugar level several times a day — or more frequently if you're Contact your eye doctor right away if your vision suddenly changes or becomes ill or under stress. Ask your doctor how often you need to test your blood sugar. ន average blood sugar level for the two- to three-month period before the test. SL 2 This regular eating of sugary items and high cholesterol food lead to irregular Even though Shreya is 55 year old women who has diabetes did stop from increase in her blood sugar level. This prolonged increase in high blood Make healthy eating and physical activity part of your daily routine. The real cause of this problem is poor control over diabetes, Continuously taking of prescribed medicines In case of diabetes, reduce your risk of getting diabetic retinopathy Take oral diabetes medications or insulin as directed. blood sugar levels, blood pressure and cholesterol Sometimes medication is needed, too. eating tasty pastries and her oily snacks. 6. CUSTOMER CONSTRAINTS Limited range of vision Restricted Activities PROBLEM ROOT CAUSE Medical Expenses sugar level lead to blurry vision. Restricted Diet Manage your diabetes. blurry, spotty or hazy. 10. YOUR SOLUTION by doing the following: M TR J&P ន A 55-year-old woman who has been diabetic for 10 years and thought her diabetes was under control but noticed some irregularities in her vision. She wants to find is she has Diabetic If treated early, vision will be corrected and regained. results when early detection of diabetic retinopathy saves Seeing other healthcare institutions produce better By seeing how many patients' visions can be saved by Diabetic retinopathy involves the growth of abnormal Complications can lead to serious vision problems: might experience blurry vision for few days the possibility of getting blind is low. JOBS-TO-BE-DONE / PROBLEMS feeling insecure with the condition early detection of diabetic retinopathy. 4. EMOTIONS: BEFORE / AFTER fear of permanent blindness CUSTOMER SEGMENT(S) Vitreous hemorrhage Retinal detachment blurry and poor vision minor internal pains blood vessels in the retina. Glaucoma Blindness more patient's vision. 3. TRIGGERS Retinopathy BEFORE: **AFTER:** Define CS, fit into CC Identify strong TR & EM Focus on J&P, tap into BE, understand RC

Explore AS, differentiate

**Feam ID: PNT2022TMID36023** 

Project Design Phase-I Problem - Solution Fit

Project Title: Deep Learning Fundus Image Analysis for Early Detection of Diabetic Retinopathy