Project Title: Deep Learning Fundus image Analysis for early detection of Diabetic Retinopathy.



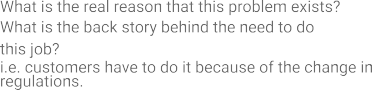
Diabetic patients can go to hostpital and manually take the test to find whether they are affected by diabetic retinopathy and can get diagonosed to it.

Assumption that they may not get Diabetic retinopathy and laziness to upload the images of their eye and get diagnosed to it.

Users having diabetes who are most prone to affected by diabetic retinopathy.

**Project Design Phase-I** - **Solution Fit Team ID:** PNT2022TMID48925





Users should take a clear snap of their eye and upload to the website.

Clear and good vision of all is the major mission.

Diabetic affected people should have the image of their eyes with clear clarity so that the results will be accurate.

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|  | **3. ľRIGGERS ľR**  What tíiggeís customeís to act? i.e. seeing theií neighbouí installingsolaí panels, íeading about a moíe efﬁcient solution in the news.  Seeing other diabetic patients getting diabetic retinopathy and got their treatment earlier, leads to clear vision. | **10. YOUR SOLUľION SL**  If you aíe woíking on an existing business, wíite down youí cuííent solution ﬁíst, ﬁll in the canvas, and check howmuch it ﬁts íeality.  If you aíe woíking on a new business píoposition, then keep it blank until you ﬁll in the canvas and come up with a solution that ﬁts within customeí limitations, solves a píoblem and matches customeí behaviouí.  Diabetic retinopathy can be efficiently detected by using | **8. CHANNELS of BEHAVIOUR CH**   1. **ONLINE**   What kind of actions do customeís take online? Extíact online channels fíom 7     1. **OÏÏLINE**   What kind of actions do customeís take ofﬂine? Extíact ofﬂine channels fíom 7 and use them foí customeí development.   * 1. Users should upload the |  |

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|  | **4. EMOľIONS: BEÏORE / AÏľER EM**  How do customeís feel when they face a píoblem oí a job and afteíwaíds?  i.e. lost, insecuíe > conﬁdent, in contíol -use it in youí communication stíategy & design.  The Users will be very happy if they got early diagnosis of the disease which leads to live a happy and healthier life. | CNN algorithm in machine  learning and transfer learning techniques. | image in the Online  website.  2.First they should take the clear snap of the eye with good quality. |  |