<u>**Pen Drawn**</u>
(the next generation of object recognition games)

Have you ever thought about neural networks learning to recognize doodling? Here's presenting to you **"Pen Drawn**" based on a further application of Google's Quick Draw.Quick Draw is a Google developed online game in which users are challenged to draw a representation of an item or idea, and the game then utilizes artificial intelligence to estimate what the drawings represent ."**Pen Drawn"** takes it a step further as it allows user to virtually draw on the screen keeping their videos on and detects objects drawn on screen.

<u>**Road Map:**</u>

1. <u>**Week-1 (4th to 11th May):**</u>

i. Research about the given problem statements.
ii. Finalize a clear and specific requirement based on the any one
problem statement .
ii. Analyse product requirements, divide software into
modules and define a clear data flow.

2. <u>**Week-2(12th to 18th May):**</u>

i. Research upon various system architectures and finalize an
optimal system design & UI design
ii. Finalize a Tech to implement .
iii. Start working on the technical aspects.

3. <u>**Week-3(19th to 25th May):**</u>

i.Version1 deployment
ii.Bug fixes
Iii.Final changes made by suggestions from user experience.