

NAME OF PROJECT – VIRTUAL TABLE TENNIS

TEAM-

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1.**MOTIVATION**-During our cs101 course we found an interesting programming language known as open cv.So we thought to use image processing to develop a game.By image processing we can use the movement of users limbs to control the in-game functions.By this the user would be free from the hustle of using keyboard for playing Some good games and would provide a all new gaming experience.

2.**BROAD VISION**-We hope to help gamers.With further additions we can develop the games like Cricket,tennis whose experience with keyboard is quite painful and stressful.

3.**DEMONSTRATION**-Using two laptops we will demonstrate the game in which two players using their laptops can compete against each other.The Player would use a light source as the Tennis Racket.

4.**THE PLAN**-We will begin by reading the movement of the player and subsequent motion programming.Then we will look into the trajectory of the ball and then the graphics.For this we will first have to learn open cv and the implement our knowledge accordingly.

5.We intend to learn image processing and what all we can do just by using the change of images.

6.**Cost** is very less(practically null) we just need two lasers and to connect two computers we need Team viewer kind of thing.
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