Good Afternoon . Myself Shriyash Karekar along with Aqueel and Imran. We are having project presentation on Human Body Size Estimation

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In these modern times do prefer online shopping... as it save our time rather than visiting stores.... but when it comes to buying clothes we do prefer going in-stores.. Commonly due to size issues that we face.
Even most of the brands usually have different standards of clothing sizes…
So with the help of this project, we can overcome these problems using just our mobile devices.

As seen in figure ….
Suppose there a person named BOB and he's surfing on internet and liked one T shirt. …So he attempted to buy… but he was confused about which size would fit him the best… By random guess he ordered for Large SIZE T shirt.
And He ended up getting oversized T- Shirt…
So this kind of problem can be solved by using our Body size Estimator.
Like if Alice wants to buy a T Shirt he will go to our webapp …. Upload an image of himself and he get best results…..

Previously, this problem was solved by 2 approaches that is
a) **By 2D processing** i.e., all the processing were done on 2-dimensional input images due to which it consumed lot of time thus increasing processing power

b) **By 3D processing i.e. using Range cameras** and high-end scanners which captures our image in 3D …..which is not feasible for common people to use it.

Therefore, to achieve an optimized solution that is feasible for all ….
Our Approach will be Combination of both 2D and 3D approaches
i.e. to take 2d inputs and converting to 3d model and extracting measurements.

As shown… project contains 4 modules
User interface
User inputs
CV processing
Classifier module

- First all the input gathering will be done from the webapp
- If the image is proper enough to be processed… it will proceed to next step or else go to error state
- Then after that mapping of an input image into 3 model is done
- Measurements from 3 model will be extracted

And will go into classification model and displays output on webapp