**Title: Real Time Virtual Try**

**Group Leader:** Junaid Hassan

**ML Engineers:** Junaid Hassan, Fahad Abdullah, Haris Amjad

**Web Developers:** Huzafa Salik

**Mobile App Developers:** Junaid Hassan

**Deliverables:**

* Complete functioning front-end web app (November – February)
* Initial research, Human segmentation, UI design (week #1 – week #4 – November)
* Pose estimation, use transfer learning, and image processing on human segmentation to improve model’s performance and speed (week #1 – week #4 – December)
* Create final output using “Conditional GAN” on 2D images (week #1 – week #4 – January)
* Implement model on video and real time footage (week #1 – week #4 – February)
* Develop a backend using Django to get APIs to be used by the web application (week #1 – week #4 – March)
* Implement extra features: Build mobile app, size estimation using images (March – April)
* Deployment, Documentation and Demos (May – June)