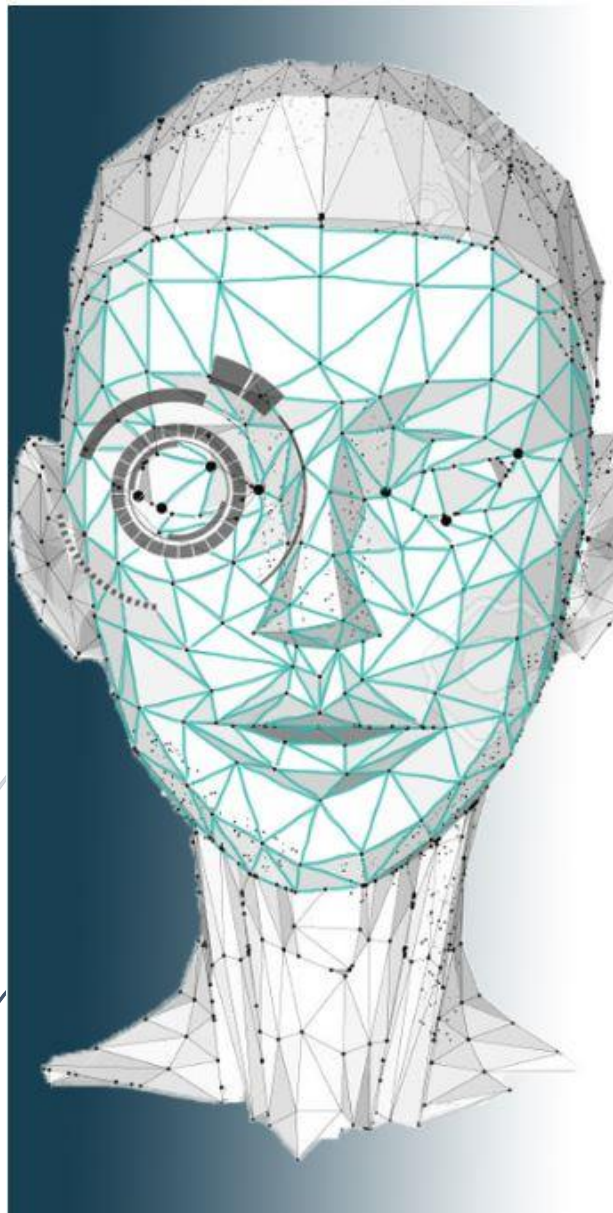


# Team Error404

Individual Report



Implementation  
Of  
Facial  
Recognition for  
Intruder Alert  
System

Submitted By

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Submitted To

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## **“Teamwork divides the task and multiplies the success”-Crazy Coworker Creation**

With the group of 6 team members, Team Error404 was formed for the group project. We were familiar with each other but had never worked as a team on the same project before. It was new to everyone so it was quite hectic at first to maintain the workflow within the team and progress on the project but as the time passed on everything sorted out due to proper planning, interview, calmness and work division from our team leader. Tasks were scheduled from **Asana** so whenever task was assigned, E-mail was received with deadline for the task. Due to lockdown it was harder for everyone to communicate and work together. To overcome the problem, meeting was scheduled every day on **Microsoft teams** to discuss about present task and for the future task. Viber groups and messengers were also used to maintain communication and 3good relation between each other.

Score framework was used as per the instruction from our team leader for the proper workflow. The process is presented below. ([High Performance Teams Many Of Us Find Ourselves Working On Teams 2020](#))

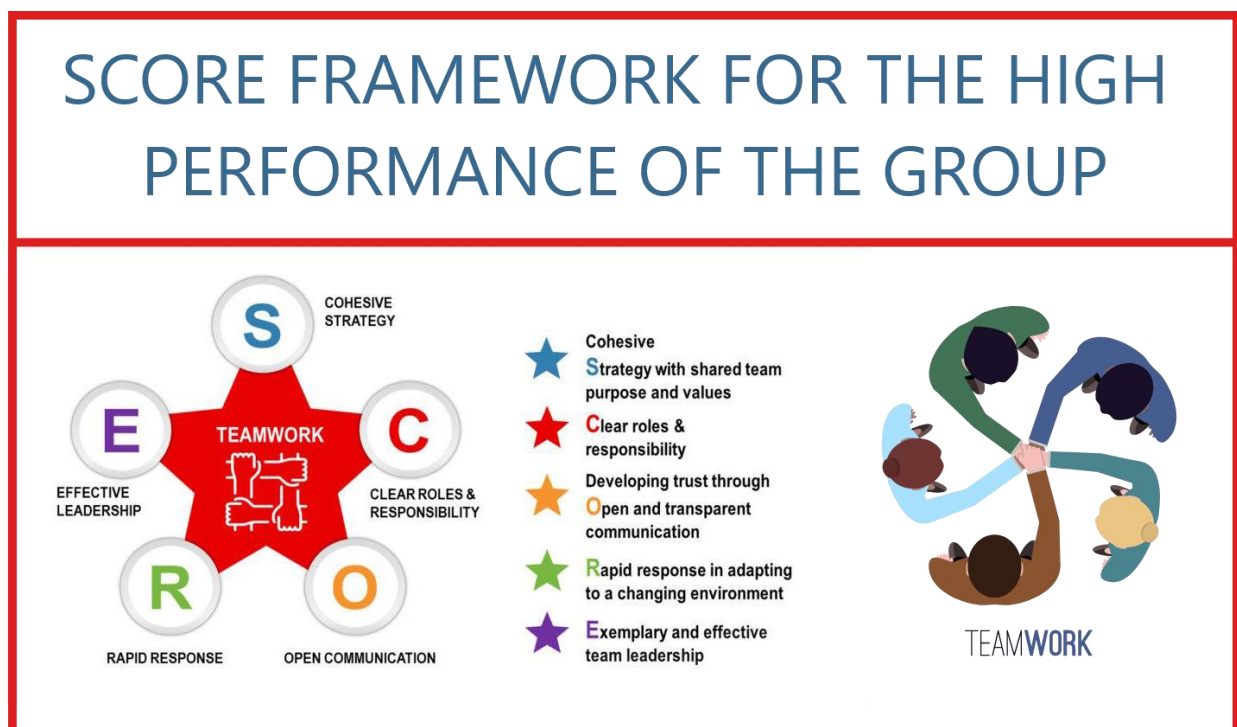
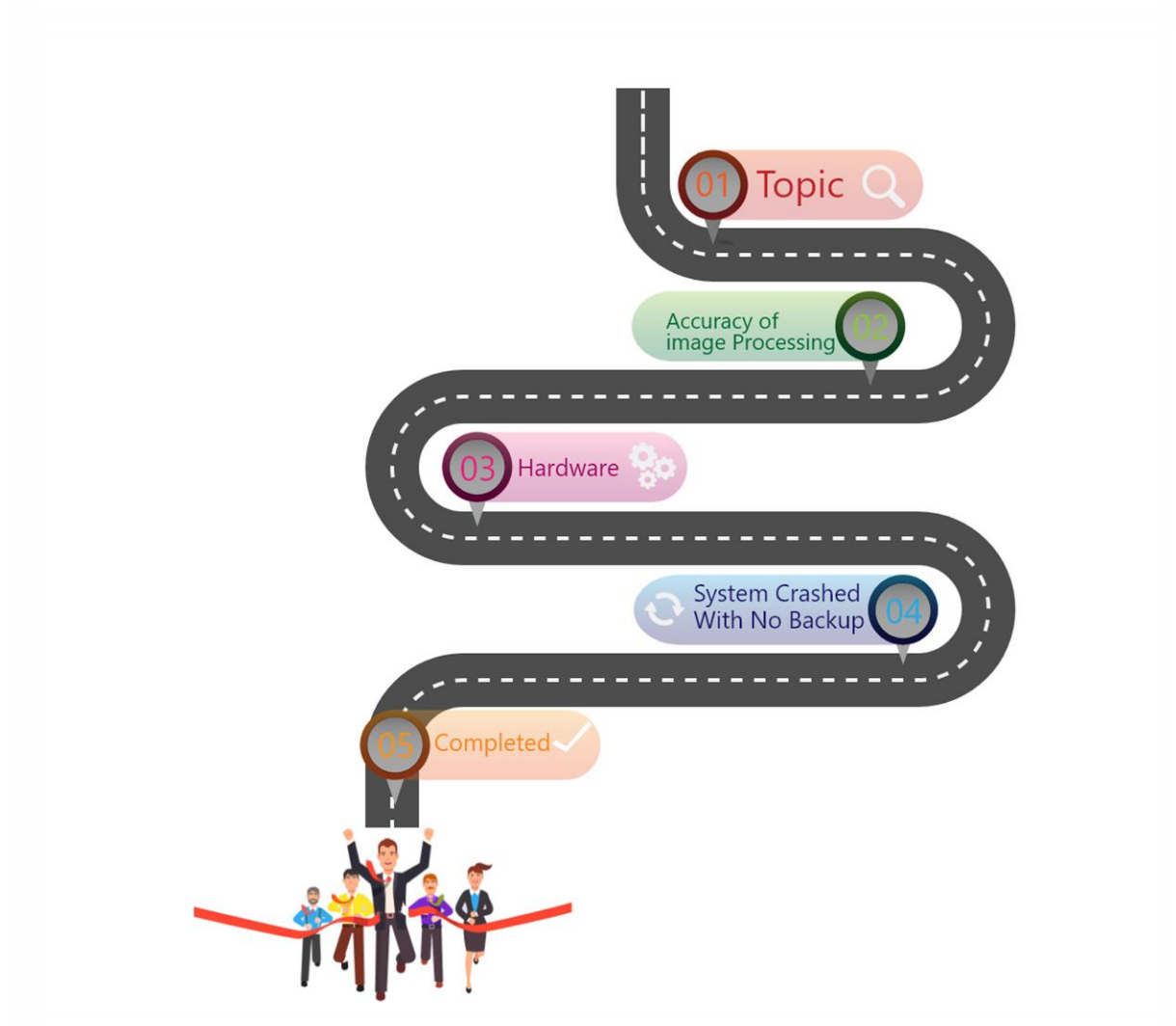


Figure 1:Score framework

Choosing the topic was the first challenge, every one of us had own ideas. So, we decided every one of us to speak out our mind about the ideas and share. With all agreement "Face Recognition Attendance System" topic was selected. After consulting and submitting topic to our supervisor, our topic was enhanced to "Implementation of Facial Recognition for intruder alert system". Second challenge for us was the low accuracy rate for the image processing while matching the images.

**OpenCV** of python library was considered fail for the system so we had to restart with new libraries of **deep face** for image processing. Third challenge was to get hands on the hardware's to make the system. Exact materials were not available so other alternatives were used to make the system and make a presentable prototype. Fourth challenge was the greatest challenge and dreadful for our team. System crashed and we had no backups. This was the nightmare for all team members since our project was back to zero. We managed to pull the miracle and get back on work from the beginning and managed to bring it back to track.



The task assigned to me was the designing part of our documentation and later on testing of the system. It was first time for me to work using python OpenCV libraries and test it. Excitement was there along with the stress for the proper testing and to provide proper explanation about the problems to the team members. Along with the task research had to be done so, keeping the task and research side by side, I learnt to schedule my work and complete it before deadlines. The frequent meetings and communication between us made the project go smoothly and overcome challenges on an unfailing manner. I learnt to work as a team, flow communication without losing temper on arguments. The gained experience will be fruitful and useful for future group projects. **The strength**

**of the team is each individual member and the strength of each member is the team.** -Phil Jackson

Teamwork was not just about working in a team together it was about working as a team to accomplish the common goal towards the shared vision. Effective teamwork showed us path towards success and facing challenges became more fluid and productive ([90 Quotes To Motivate Your Team And Foster Teamwork / Inspirationfeed 2020](#)). Together every one of us achieved more. **Teamwork made the dreamwork.** Sincerely, every one of us had vision but the system was right in front of us now. Working in a group and as a team was a good experience and new achievement for me.

## References

*High Performance Teams Many Of Us Find Ourselves Working On Teams (2020)* available from <[http://www.cee-global.com/score-framework/?fbclid=IwAR0p-rrX6Ujj7ENyyGwg3LvFi417\\_-TlsZ1h07czk5znnk-TQjnHy5BZsHQ](http://www.cee-global.com/score-framework/?fbclid=IwAR0p-rrX6Ujj7ENyyGwg3LvFi417_-TlsZ1h07czk5znnk-TQjnHy5BZsHQ)> [12 August 2020]

*90 Quotes To Motivate Your Team And Foster Teamwork / Inspirationfeed (2020)* available from <<https://inspirationfeed.com/teamwork-quotes/>> [8 August 2020]