ISM 2022w

Group Number : 07

Name	Role	Contact Information
Ahmad Saigol	Technical Expert/Programmer	ahmad.saigol@tuhh.de
Joel Romero	Leader/Programmer	joel.romero.munoz@tuhh.de

Milestones

Name of the milestone	Target date	Status
Phase 1 & 2 - Literature Review	-	Done
Phase 1 - Pre-processing	-	Done
Phase 1 - Feature extraction	-	Done
Phase 1 - Evaluation/Classification	-	Done
Phase 2 - Pre-processing	26.12.2022	
Phase 2 - Data Loading	28.12.2022	
Phase 2 - Transfer learning/Architecture	09.01.2023	
Phase 2 - Training neural network	19.01.2023	
	-	

🎲 What was planned?

Task	Person Incharge	Target date	Status
Pre-processing	Ahmad Saigol	26.12.2022	Ongoing
Data Loading	Ahmad Saigol	28.12.2022	Done
Transfer learning/Architecture	Joel Romero	09.01.2023	Ongoing

📅 What tasks are ongoing?

Task	Person Incharge	Target date	Status
Pre-processing	Ahmad Saigol	13.11.23	In Progress - Testing
Transfer learning/Architecture	Joel Romero	13.11.23	In Progress - Testing
Literature Review			In Progress

🗓 What tasks will be done in the future?

Task	Person Incharge	Target date	Status
Training neural network	Ahmad Saigol	19.01.2023	Starting

☁ Miscellaneous

Our ideas include train different pretrained models, build custom models and combine them.

For handling noisy test data, we are considering to apply data augmentation similar to ResNet and also we are still studying noisy dataset to understand what kind of noises are there.

How much we will be able to do would depend on the time.

Also, These are just the ideas we have till now but depending upon the time, we may explore options.

The other two group members may have dropped the course, thereby increasing the work load on us.