Project Name: Catalogued

Superviser Name: Sir Aamir Wali

Deliverable: 1

ID	Functional Requirement	Priority	Status Completed	Deadline (week no of semester)	Resource
1	System should save the Images data from video/images of the employees/students/subjects	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
2	System should train on the image data and make a model	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
3	System shall do face recognition of multiple persons in the video using the model	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
4	System shall do face recognition based on the name/ID/Lable given by operator/user/administrator	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
5	System should organize the underlying filesystem so that the video, training data and models can be saved and retrieved accurately	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
6	System should get the video chunks of a person from single saved video based on user input	1	70%	3rd Week	Adeel Shaukat, Masroor Hussain
7	System should merge all the videos chunks from single video based on user input	1	50%	5th Week	Masroor Hussain, Adeel Shaukat
8	System should get video chunks of a person from multiple saved videos based on user input	1	25%	6th Week	Adeel Shaukat Hira Rauf, Masroor Hussain
9	System should do chronological sorting of video chunks retrieved from multiple saved videos to make a single video	1	35%	6th Week	Masroor Hussain, Bilal Anees
10	System should get video chunks of a person from single live camera	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
11	System should merge all the video chunks from single live camera	1	50%	6th Week	Adeel Shaukat, Hira Rauf, Masroor Hussain
12	System should perform chronological sorting of videos chunks retrieved from multiple live cameras to make a single video	1	20%	8th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
13	System should allow the administrator to provide images and videos for a new model	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
14	System should allow the administrator to train the model on provided data	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
15	System shall allow the administrator to delete a model	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
16	System shall allow the administrator to generate video of a person whose model exists in the system	1	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
17	System should udate the model if new images are added	2	20%	10th Week	Adeel Shaukat, Masroor Hussain
18	System shall have graphical user interface so that non-technical user can run the program	2	0%	9th Week	Bilal Anees, Hira Rauf, Masroor Hussain
19	System should track the person if he/she is recognized and after that the face is not visible	2	0%	8th Week	Adeel Shaukat, Hira Rauf
20	System should get the video from saved/live video where two or more persons appear on the screen at same time based on user's input	2	0%	10th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
21	System should merge multiple videos from multiple saved videos	2	20%	8th Week	Adeel Shaukat, Masroor Hussain
22	System should get video chunks of a person from multiple live cameras	2	20%	9th Week	Adeel Shaukat, Bilal Anees
23	System should merge videos chunks retrieved from multiple live cameras to make a single video	2	0%	10th Week	Adeel Shaukat, Masroor Hussain
24	System should allow the administrator to log in using username and password	2	0%	11th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
25	System should allow the administrator to log out	2	0%	11th Week	Bilal Anees, Hira Rauf
26	System should allow the administrator to name a model	2	100%		Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
27	System shall allow only the administrator to update an existing model	2	50%	11th Week	Adeel Shaukat, Bilal Anees, Masroor Hussain
28	System shall not allow both the users of this system(General user and Administrator) to use it at the same time.	2	0%	12th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
29	System should allow only the authorized users to use this system	2	0%	12th Week	Bilal Anees, Hira Rauf, Masroor Hussain
30	System should delete a model with administrator access	3	45%	13th Week	Bilal Anees, Hira Rauf, Masroor Hussain
31	System shall use server to host all the training data, model and saved videos	3	0%	12th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
32	System shall use Hadoop or spark to increase the efficiency of the program	3	0%	13th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain
		3	0%	16th Week	Adeel Shaukat, Bilal Anees, Hira Rauf, Masroor Hussain

d