Chapter 1

Introduction

TASK :- Image Orientation
Date on which task was given :- 08/08/2017
Submit date :- 18/08/2017
Objective:- Our objective are :

1. Compare two images
2. To find the angle of rotation of the same image taken from different angles.

1.1 Algorithm:

Input: two images in different orientation
Output: Rotation angle between two images.

- Step1: Start
- Step2: Give an image as input
- Step3: Read the image
- Step4: Make the image into a matrix format
- Step5: Create Rotation matrix

- Step6: Use maths function to rotate to specified angle
- Step7: Rotation matrix is applied to image
- Step8: Rotated image is displayed
- Step9: Stop

OUR TEAM:

No.	Members	Designation
1	AMAL DAVIS	Member
2	ANJALI KN	Member
3	ARSHA JOHN	Member
4	ATHIRA VIJAYAN	Member
5	NEENU CM	Team Leader
6	SAFNA HABEEB	Scrum Master

1.2 Tasks Assigned:

Our team of 6 members was again divided into groups of 2 for doing the given task.

- Arsha and Amal were given the task of finding the dataset that could be given as input.
- Group of Anjali and Athira were responsible for writing the algorithm for the particular task.
- Neenu and I were concerned with the coding section.

1.3 Meetings held:

Our team conducted scrum meeting on the following days:-
08/08/2017 Tuesday: We were given the task and we discussed how we could complete the task and what were our objectives.

09/08/2017 Wednesday: Task was subdivided among ourselves. Input data was collected and started coding.
10/08/2017 Thursday: Scrum master reviewed the progress of the tasks assigned. Compiled and ran the code.
16/08/2017 Wednesday: A meeting is held by ourselves and System configured.
17/08/2017 Thursday: We found keypoints of the images.Orientation is completed.

1.4 Conclusion

The code for the task was obtained.The task was completed about 55%.