Anton Kiselev

1. Participated in all class meetings during September
2. Defined ML algorithm for the app such as KNN (September less than an hour)
3. Developed KNN with Euclidean distance (September 1-2 hours)
4. Tested KNN algorithm with random integer input (September 1 hour)
5. Participated in writing SRS document (September 1-2 hours)
6. Participated in writing SDD document (September 1-2 hours)
7. Created software models, such as use case, DFD, and state chart (September 2-3 hours)
8. Provided descriptions for models in SRS and SDD (September 1 hour)
9. Defined several functional requirements (September 1 hour)
10. With provided paper from Chintan developed facial features extraction algorithm (September 1-2 hours)
11. Tested facial features extraction algorithm (September 1-2 hours)
12. Participated in all stand up meetings during October
13. Developed image uploading from pc process (October 2-3 hours)
14. Tested image uploading process (October 1 hour)
15. Developed golden ratio calculations (October 1 hour)
16. Tested golden ratio calculations (October 1 hour)
17. Developed app release 0.0.1 (October 5-6 hours)
    1. Based on Chris’s app code, redone main screen
    2. Connect image uploading with a facial features’ extraction algorithm
    3. Connect ratio calculations with our dataset and store results
    4. Connect extracted facial features results with ratio calculations algorithm
    5. Connect dataset ratios and user ratios with KNN algorithm
    6. Display results of KNN on a scatter graph
18. Tested app release 0.0.1 (October 2 hours)
19. Created test plan document ( October 10/19/2020 2 hours)
20. Developed app release 0.0.3 (10/24/2020, 5 hours)
    1. Integrated golden\_ratio.csv file from Chintan
    2. Connect csv file with code
    3. Integrate Chintan’s code to retrieve csv file name
    4. App goes through images based on results of KNN
    5. Display results of KNN alg for testing purpose
21. Created test cases (10/25/2020, 1 hour)
22. Fixed error in release 0.0.3.(10/25/2020, 1 hour)
    1. Error with displaying images and graph
23. Participated in zoom meeting with customer on 10/26/2020
24. Created power point draft (10/26/2020 30 min)
25. Updated models for SDD document (10/27/2020 2 hours)
26. Updated SDD accordingly to feedback (10/28/2020 2 hours)
27. Searching for better clustering approach (10/31/2020 4 hours)
28. Found clustering target values for our project (11/1/2020 2 hours)
29. Found paper with nose key points which will be used in project (11/2/2020 2 hours)
30. Found better shape predictor to extract more nose points (11/3/2020 2.5 hours)
31. Created nasal index calculation alg (11/4/2020 2 hours)
32. Created page for all references (11/5/2020 1 min)
33. Created new points on nose (11/6/2020 2 hours)
34. Extended test cases and worked on test plan (11/7/2020 2 hours)
35. Updated traceability matrix (11/9/2020 1 hour)
36. Created new database for the app (11/9/2020 3 hours)
37. Found new shape predictor for better face calculations (11/13/2020 1 hour)
38. Worked on SRS document, reviewed comments, worked on models (11/15/2020 3 hours)
39. Worked on SDS document, reviewed comments, worked on models (11/15/2020 3 hours)
40. Updated SRS document, Updated models, requirements, and descriptions (11/16/2020 4 hours)
41. Updated SDD document, updated models, added interface design and descriptions (11/16/2020 4 hours)
42. Found formula for scaling pixels to mm (11/18/2020 2 hours of research)
43. Updated models for SRS and SDD (11/28/2020 2 hours)
44. Participated in all stand up meetings during November