No.	Name of group members	Contribution to project	Contribution to report
1	Boang Guan	Data pre-processing, deep learning training, model detection, comparative analysis of detection results.	25% of Section 3 40% of Section 4 50% of Section 5 60% of Section 6
2	Tunwu Li	Typesetting, research on machine learning in apple counting	Abstract 25% of Section 1 50% of Section 2 25% of Section 3 30% of Section 4
3	Minghao Xu	Search relevant works of conventional image processing	40% of Section 1 25% of Section 2 25% of Section 3 25% of Section 7
4	Qian Yu	Algorithmic background, partial algorithm explanation, data quality check	35% of Section1 25% of Section2 25% of Section3 30% of Section4
5	Zixian Zhang	Implementation of morphology and HSV based algorithm	30% of Section 5 30% of Section 6
6	Xiaoling Zhuo	Implementation of morphology and HSV based algorithm	20% of Section 5 10% of Section 6 75% of Section 7