Machine Intelligence Project Rubric

Project main phases:

- scrapping
- pre-processing - cleaning and visualization to data - augmentation - solve unbalancing problem.
- feature engineering
- splitting - cross-validation
- performance evaluation and visualization
- ensemble model
- Hyperparameter Tuning
- Documentation and report

	1	2	3	4	5
Implementation /15	**4** no model parameters changing, Conclusions are missing, incorrect, or not based on analysis	**6** Model parameters not related to Data, minimum appropriateness of this project for a machine learning class.	**8** Simple Dataset (no scraping), clear pre-processing steps, clear Model implementation, follow machine learning class guidelines.	**12** Simple Dataset (With scraping), pre-processing, and Model results explained, team cooperates in ensemble model.	**15** Innovative/new Dataset (with scraping), pre-processing, features engineering, Model results explained, training/testing results visualized, Plots convey information correctly.
Understanding /5	**1** minimum Learning Outcomes	**2** Weak Learning Outcomes	**3** Good Learning Outcomes.	**4** Very Good Learning Outcomes.	**5** Excellent learning outcomes.
Report/5	**0** No template (high copy/paste ratio, generated)	**2** Complete report sections (Introduction, Methodology, results)	**3** The report contains a literature Survey.	**4** IEEE template, Complete report.	**5** IEEE template, Outstanding writing with references.

N.B. Any violation of copy/paste will be graded 0.