Implementation of the descriptors, detectors and matchers.

- 1. A buffer ring was introduced by creating a new class which contains a vector and a variable with the max size. Each new element will be put at the end and will displace a position the rest of the elements.
- 2. A chain of if clauses was added with the corresponding code for the keypoints detection to be selected by introducing the desired method.
- 3. For academic purposes we are reducing the amount of keypoints to focus only on a specific car and appreciate better the performance of the methods.
- 4. For tasks 4,5,6 a chain of if clauses was also added to select the desired implementation accordingly.
- 5. A spreadsheet was filled with all the combinations to have the overview of the methods and how they perform better.

Recommended descriptor-detector pairs

Based on the processing time the recommendations for the top 3 combinations are the following:

- 1. FAST-ORB
- 2. ORB-BRIEF
- 3. Shitomasi-BRIEF



