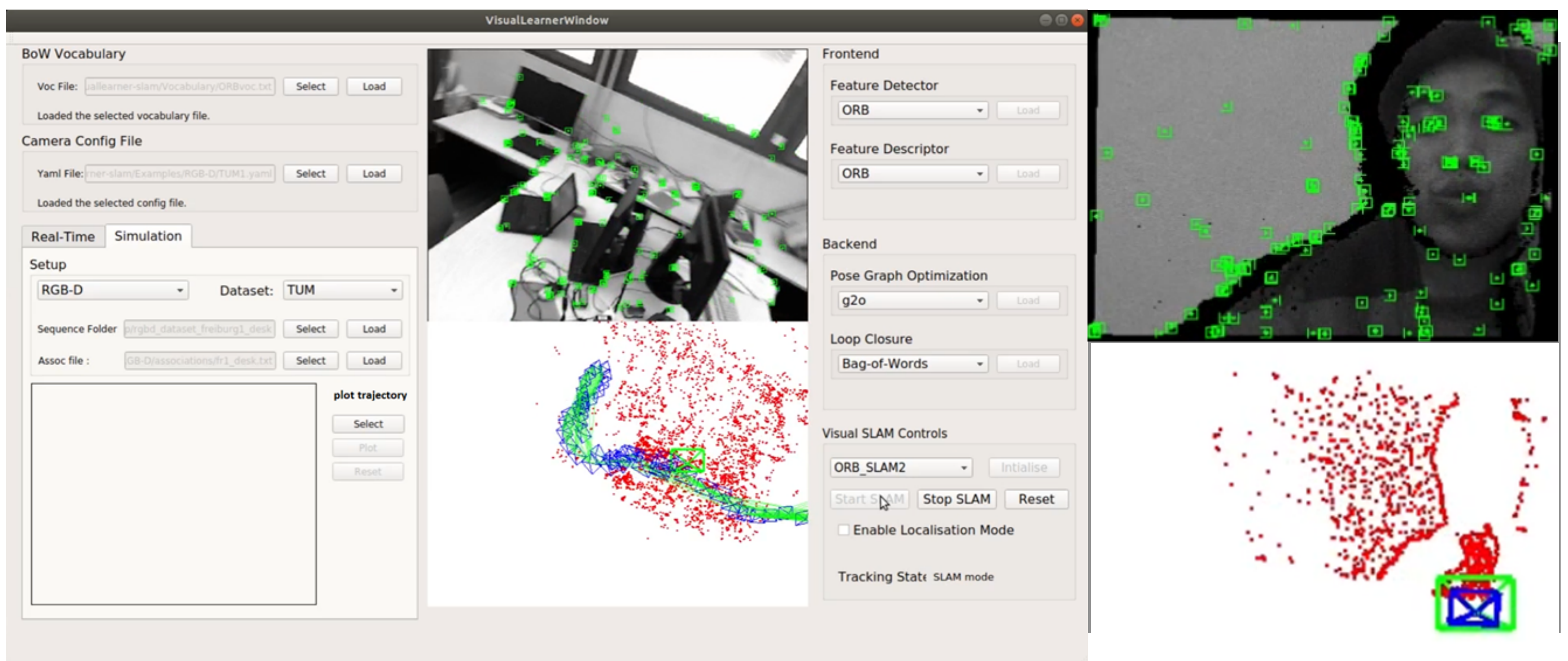


# Visual Learner SLAM

## Modular SLAM Framework

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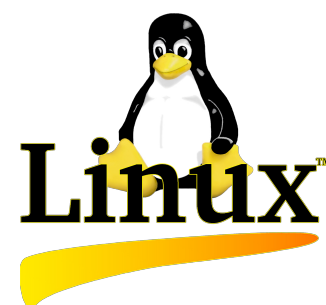
### Project Objectives:

The aim of this project is to design and develop a modular Visual-SLAM Graphical User Interface to visualize the different Visual-SLAM approaches that can be implemented in real-time for the localization applications for robots or evaluated through simulation. VL-SLAM provides real-time and simulated Visual SLAM capabilities to help students, educators, and researchers learn and experiment.

### List of Features:

- Select to run in Real-time or Simulation Mode
- Select and Load BoW Vocabulary File
- Select and Load Camera Config File
- Plot Keyframe Trajectories
- Works with KITTI and TUM Evaluation Dataset

### Supported Operating Systems:



### Developed on:

