1. Abstract
2. Usage
   1. Main Window
   2. [APP1] New Vehicle Registration
   3. [APP2] Auto Transaction Recording
   4. [APP3] Driver License Creation
   5. [APP4] Violation Creation
   6. [APP5] ARS Search Engine
3. Development Process
   1. Code Development
      1. Git Hub
      2. Work Breakdown
   2. Testing
      1. Early Testing Processes
      2. Late Testing (With Given Test Scenarios)
4. Application Details
   1. Major Components
      1. gui.py
      2. new\_vehicle\_registration.py [APP1]
      3. auto\_transaction.py [APP2]
      4. driver\_license\_registration.py [APP3]
      5. violation\_records.py [APP4]
      6. search\_engine.py [APP5]
   2. Subcomponents
      1. Makefile
      2. new\_persons\_application.py
      3. tableWidget.py

1 Abstract

ARS (Auto Registration System) is a program written in Python3 for use with oracle database systems. The system allows a user access to the whole database defined by a username and the corresponding password (e.g. [username]/[password]@gwynne.cs.ualberta.ca:1521:CRS will lead to the database stored at the given host ).

2 Usage

2a

2b

2c

2d

2e

2f

3 Development Process

3a

3a i

3a ii

3b

3b i

3d ii

4 Application Details

4a

4a i

4a ii

4a iii

4a vi

4a v

4a vi

4b

4b i

4b ii

4b iii

.