**Name:** Samara Arroba

**Age:** 18 years

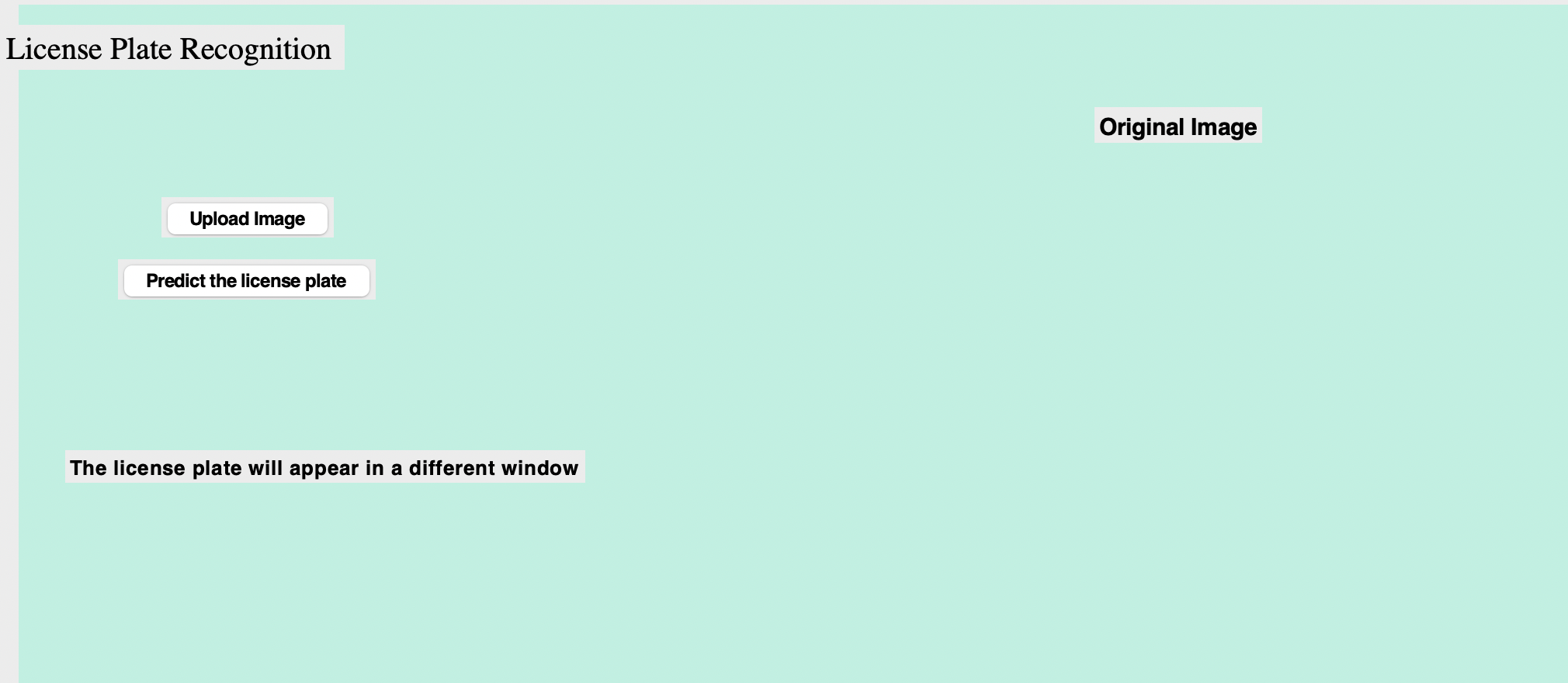
**Grade:** Year 13, Grade 12

**Location:** Abu Dhabi, United Arab Emirates

**Project Objective and Purpose:** The main objective of this project is to be able to analyze the license plate number of a photo of a car, so that the user has an application that helps him in some dangerous situation on the road so that he can identify and report the reckless driver in case of accidents, It also has the purpose of identifying the car for some other reasons that aren’t dangerous.

**Project Description (Contains Tools , Technologies , Algorithm or Approach):** The application was made in Jupyter Notebook, with python libraries such as cv2 to process the imported car image, to create the user interface libraries such as "tkinter" and "pillow" were used. The code is primarily using computer vision and image processing algorithms from the OpenCV library, along with the Tesseract OCR (Optical Character Recognition) engine for text extraction.

**Screenshot of your App User Interface**

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