Faculty of Computers and Information

Software Proposal Document for Project Converting Handwriting into Text

Callback Hell Avoiders Team

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Abstract

The main goal of this project is to create desktop app which involves AI algorithm that help solving the problem of converting handwriting into machine-readable form.

1 Introduction

This is **Capture-It** project, where we try to solve a problem that faces many students to store taken notes in digital format.

2 Project Description

2.1 Technologies Used

- **Python3 :** Main used programming language.

- **PyQt :** GUI widgets toolkit and it is a Python interface for Qt.

- **OCR :** Optical character recognition technology which is a good solution for automating data extraction from printed or written text from a scanned document or image file or white board and then converting the text into a machine-readable form to be used for data processing like editing or searching or any other stuff.

3 Project Management and Deliverable

3.1 Team Members

- Abdulla Nasser.

- Fares Emad.

- Faten ElSaeed.