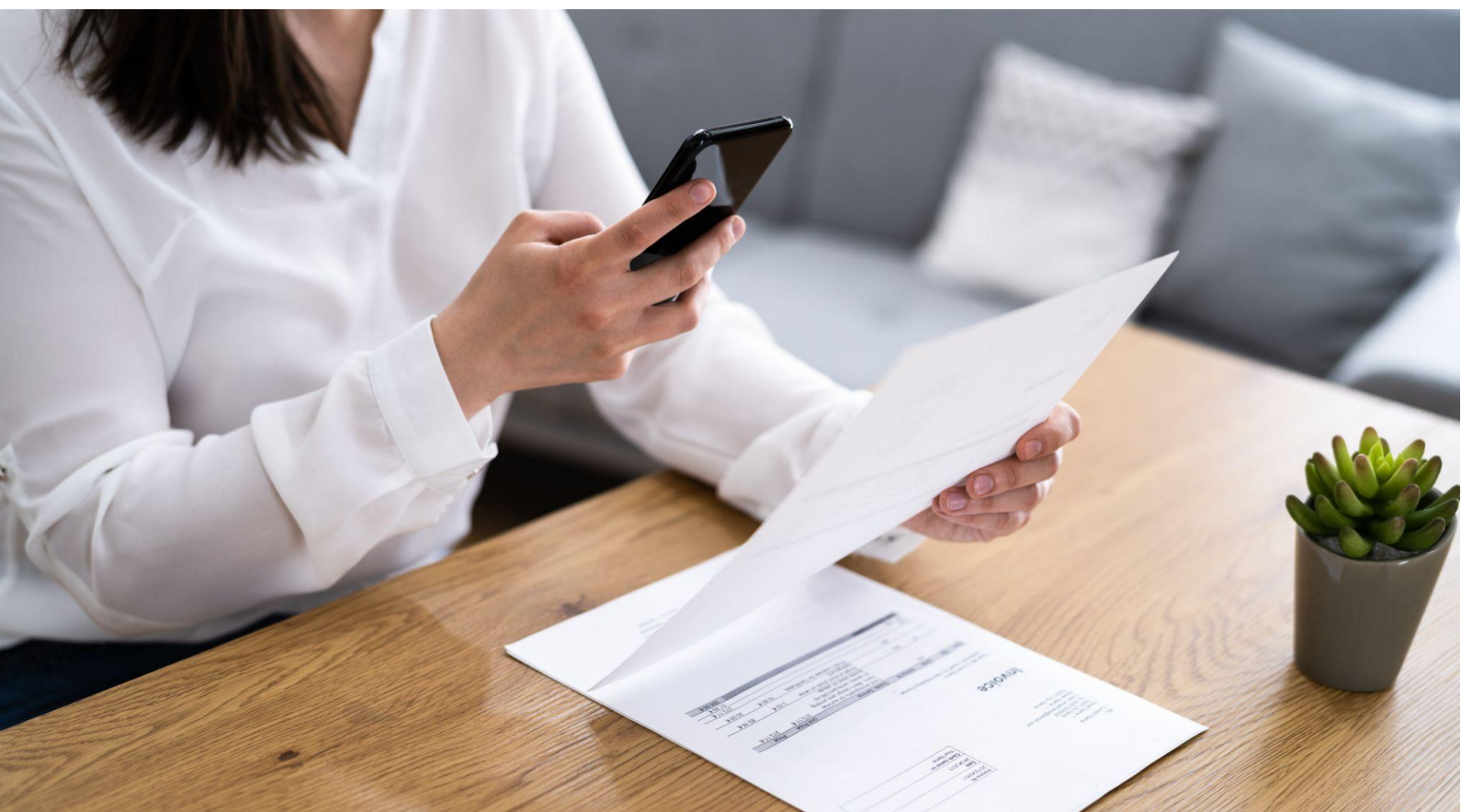# FirstStep.ai
AI Text and Handwriting Extraction Application

Application Overview

"We are now entering the age of AI" - Naveen Rao, Intel

Product Version: **2021**

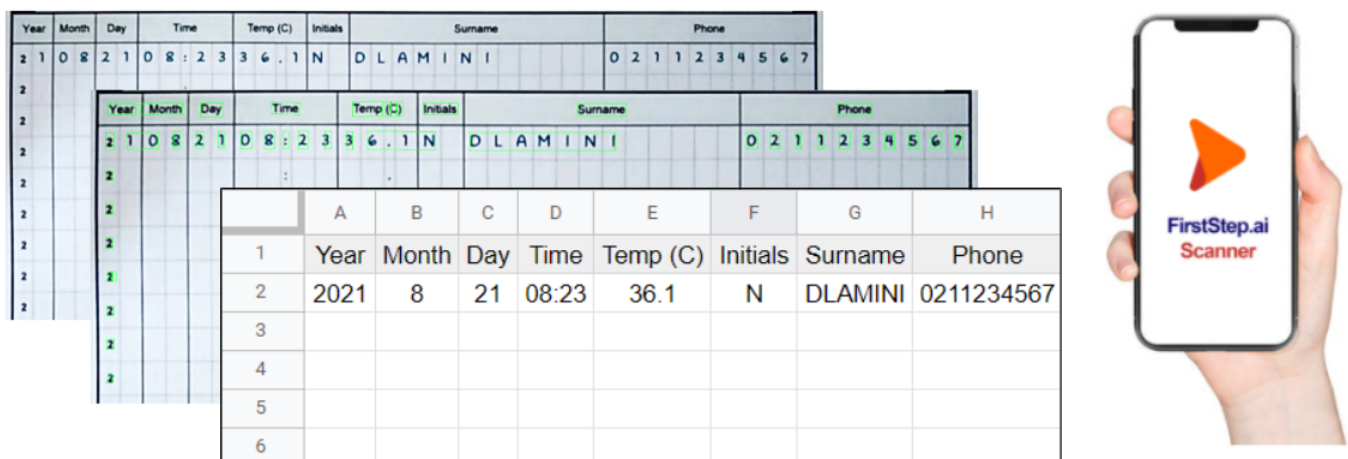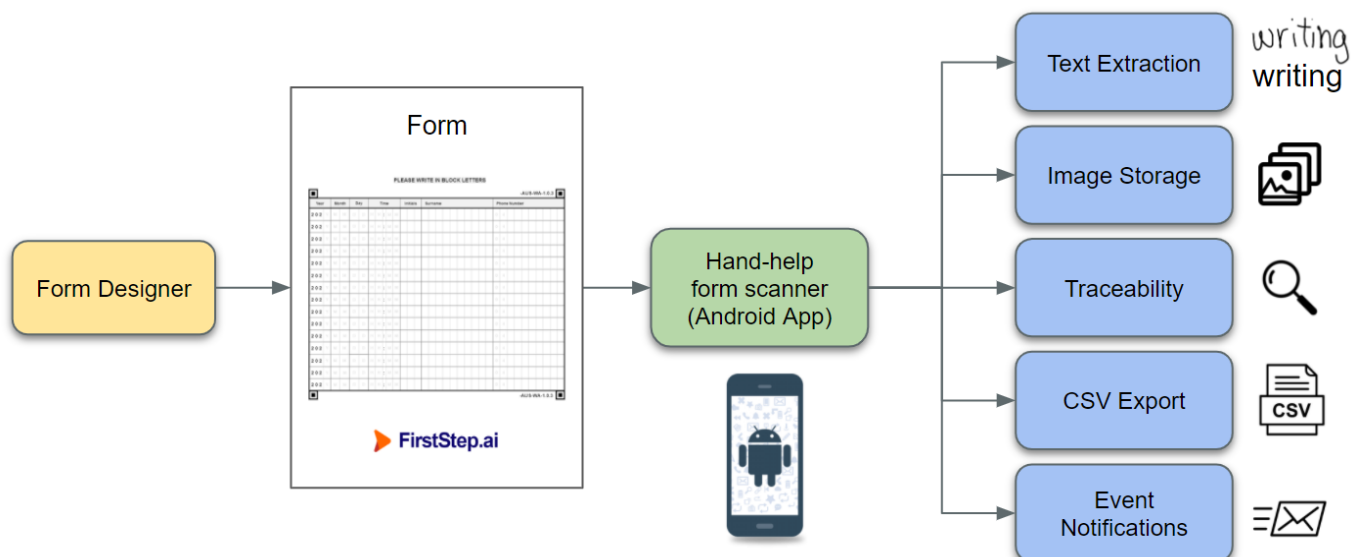Document Revision: **2021-08-03**

Product Name

FirstStep.ai AI Text and Handwriting Extraction Application

Product Overview

The FirstStep.ai AI Text and Handwriting Extraction application allows users to digitize handwritten forms. The FirstStep.ai designer allows you to design a form for data collection, tailored to your specific requirements. After printing and completing the form, FirstStep.ai provides an Android application that you can use to scan the form.

The Android app will send the form data to the FirstStep.ai server, where text extraction is performed in real-time. The FirstStep server keeps an archive of images to offer the user traceability, the ability to search and review all past forms. Data can be exported in TXT or CSV format, and event notifications can also be configured.

FirstStep.ai Text Extraction Features

Android App (scanner) features include:

- Capturing user data (e.g. business name, location, installation ID)
- Form boundary detection from visual markers
- Form name identification (form versions)
- Form perspective correction
- Form rotation & cropping
- Image exposure and white balance adjustment
- Sending image to the FirstStep.ai server for processing
- Visual confirmation that the form was successfully processed

FirstStep.ai Text Extraction Server features include:

- Accepts POST data requests from Android application
- Extracts text and handwriting from (2-3 seconds per form)
- Stores extracted text in TXT and CSV file format
- Stores original image and marked image on server

Web portal includes:

User login (team access)

High-level activity dashboard

Filter and search scanned forms

Image, TXT and CSV download

Event notifications

Daily / Shift Reports

3rd party data integration

Secure data storage

More Information

For more information visit firststep.ai or contact: sales@firststep.ai