# DonApp - The Donate App

Vikas Verma 193059003
Deepak Singh 193050074
Aakrit Anshuman 193050064
Rasesh Tongia 193050015

November 27, 2019

# Motivation

We can find numerous examples of donation for natural calamities and major incidents such as for floods, earthquakes, prime minister relief fund, etc. But nothing such is available on an individual level. Our vision is to provide a platform for donation of everyday use objects which could serve a better purpose in new hands.

## Problem Statement

- An app which will provide an interface for donor and needy to reach out to each other.
- This app can be used for displaying items which the user wants to donate.
- The user can post an item which is to be donated with one or more photos and a brief description of it.
- Upon viewing a product, the user will be able to see contact details and location of the owner.

## Prior Work

No such app is available on an individual level but some similar apps for donation are :-

1. ShareTheMeal - An app by UN for fighting global hunger
2. Charity Miles - An app which funds a charity on the basis of how much we run/walk/cycle
3. Make a Stand App - An app which enables us to crowdfund for social campaign
4. Friends2Support - App which allows location based voluntary blood donation.
5. Donate a Photo by Johnson Johnson - An app which donates $1 for every photo we donate.

# User Requirements

A smartphone with the following features:

- 2 GB of RAM
- 1 Ghz Processing Power
- Android 8.0 (Oreo) or Higher

## Development Requirements

A personal computer with the following configurations were used:

- 8 GB of RAM
- 2.5 Ghz Processor

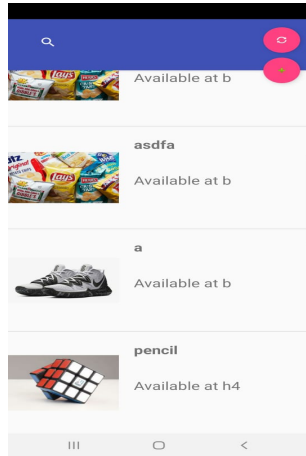The softwares and tools used are:

- Windows 10 Home / Ubuntu 18.04
- Google Chrome
- Android Studio 3.5.1
- LaTeX(Using Overleaf)
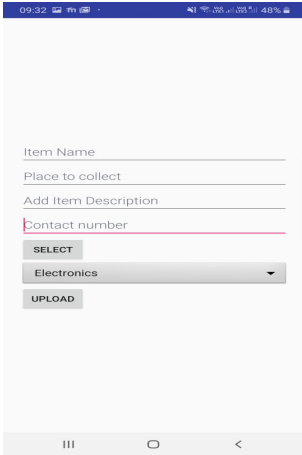- Xampp / Lampp for hosting the servers

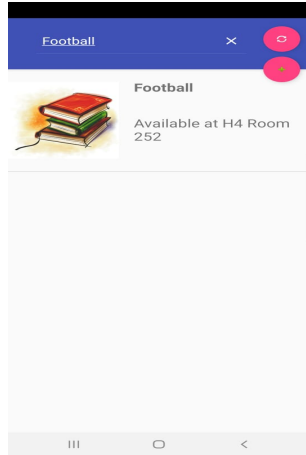Programming Languages:

- Java
- Php
- XML
- SQL

# UI

# UI

## Feasibility

Feasibility:

- Economic : The app was economically feasible to make as no costs were involved in making it.
- Technical : With the tools that are available, GUI with back-end integration was feasible to be made.
- Legal : The data collected from the user is not misused or shared with a third party and so it is legally feasible.

# Work Done

Work done by each team member:

- Deepak - GUI, Database Handling, Search Bar
- Vikas - Login Page, List of Items, Marking Items(Dibs)
- Aakrit - Get Item Description, Documentation
- Rasesh - Insert Item, Back-End update

# References

📄 www.mdgmonitor.org/top-5-donation-appssharethemeal-charity-miles/

📄 ieeexplore.ieee.org/document/7988025

📄 www.thebalancesmb.com/give-to-charity-every-day-with-these-6-smartphone-apps-3861763

## Thank You

# Thank You!