Cairo University Faculty of Computers and Information

 

**Project name: TrueOwner**

**Project Team**

|  |  |  |  |
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**Introduction**

* This document states the project objectives
* It also describes different project phases
* This is the **true owner document** that will keep growing with more details

## Project Objectives

* Make android Application to reach maximum security levels
* Help people by securing their private data
* Going in depth of android development and how to make the maximum usage of sensors
* Working more with APIs and related technologies
* Applying software engineering concepts
* Learning a lot of technologies and how to recognize different patterns ( face recognition , fingerprint recognition )
* Learning about machine learning.
* The main objective is to achieve this idea not targeting all android mobiles .

**Project Phases:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sprint** | **Phase** | **Deliverables** | **Duration** |
| Sprint 0 | Phase 0-a | Preparations (learning android and researching for best technologies to use). | 2 Week |
| Sprint 1 ( FignerPrint , Typing speed) (2 months) | Phase 1-a | Researching and System analysis and Design | 3 Week |
|  | Phase 1-b | Implementations | 4 Week |
|  | Phase 1-c | Testing | 1 week |
| Sprint 2 (Face Recognition , and may be acceleration) (2 months ) | Phase 2-a | Researching and system analysis and design | 3 weeks |
|  | Phase 2-b | Implementations | 4 weeks |
|  | Phase 3-c | Testing | 1 week |
| Sprint 4 |  | All system integration and fixing integration problems | 2 weeks |
| Sprint 5 |  | All system Testing | 2 weeks |

**System Description:**

The project is Android based application will be made to secure the mobile using the bio-features

Of The human it uses the human unique identifiers to recognize the user of the device and alert the real user after detecting unauthorized usage of the device.

The required system composed of 3 main components.

# Main Components

## Device Owner

## Detection System

## Action System