

# Smart Community



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In Collaboration With:



# Whizz ICT Background

- Whizz ICT is a business(an internet cafe) looking to make positive impact in the community by improving digital literacy
- Whizz ICT offers computer training and goes beyond than just being an internet cafe
- Center in Khayelitsa

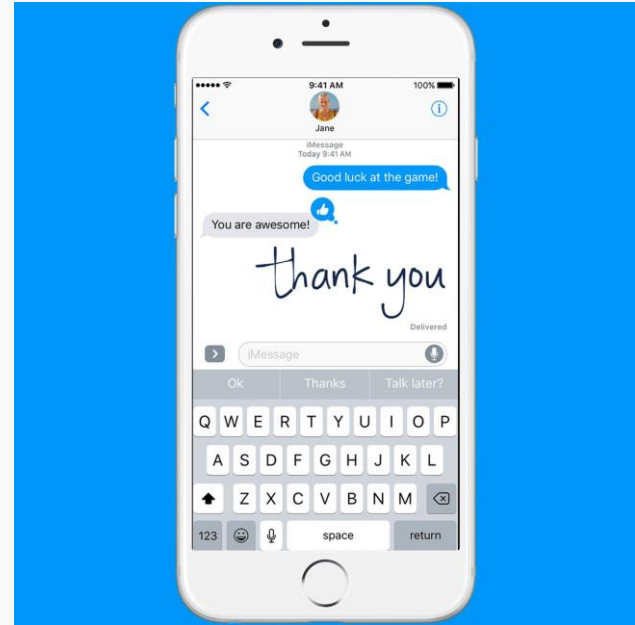
# The problem

Locals in khayelitsha lack basic knowledge about smartphone functionality. This hinders the ease of communication, performance of business transactions, and submission of documents

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# Why develop a course on smartphones?

- Lack of knowledge about the evolving smartphone features.
- Wastage of money and resources on basic smartphone functionality.
- People stand in long queues



# Approach:

## *Planning and Implementation phase*

- *Devise the curriculum for each level*

# Prototype

- *Propose a registration process*
  - *Recruit and train course facilitators*
- *Find a venue to host the classes*
- *Get together all the resources required for the course coordination.*

# Testing

- *Communicate with the project manager*
- *Require feedback from stakeholders*



## Whizz ICT Background:

An internet cafe looking to make a lucrative business by taking advantage of the needs of the community, while still including improving and helping the community.

# Smart Community

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### The problem:

Locals in khayelitsha lack basic knowledge about smartphone functionality. This hinders the ease of communication, performance of business transactions, and submission of documents.

### Approach:

Devise a curriculum  
Develop registration process  
Find training for course facilitator  
Find venue for to host classes  
Find resources for course and teaching coordination

### Aim:

The aim of the solution is to not only help people better understand Smartphones, but to also give people a better footing in the working world, improve their everyday lives and show them that anything is possible with the circumstances as long as you're willing to make it work. This change of mindset is possibly the biggest aim of the solution

### The solution:

The solution is a 3 level course.

the 3 course levels being Beginner, Intermediate and Advanced.

The beginner level will include basic app learning and a simple theoretical section on smartphones

The intermediate level will include more advanced app learning, as well as more indepth theoretical aspects of smart phones

The advanced level is the biggest of all levels and would conclude into one of two parts. Namely: App Development or Smartphone repair. The user chooses which would suit them best.

Black Hat

White Hat



# The solution: A 3-level Smartphone course

## Beginner Level

Basic App learning

Small amount of theory work

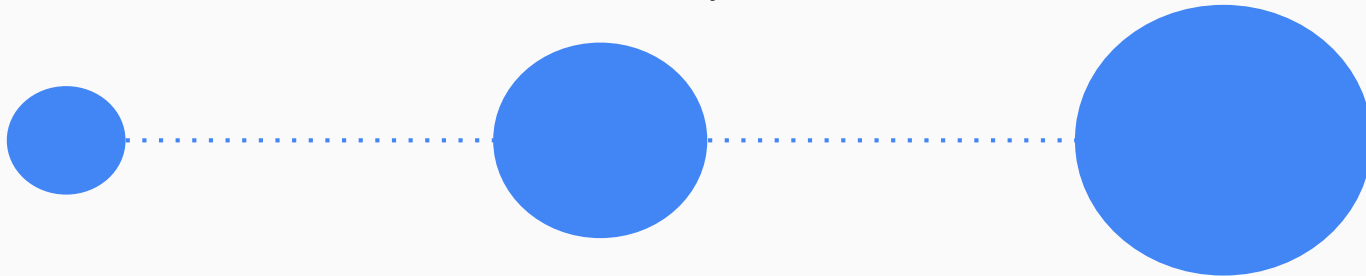
## Intermediate Level

More complex settings and app learning

Building on what was learnt in beginner level with more theory

## Advanced Level

Very high level understanding of smart phones  
Either fixing smartphones or app development training (User choice)





# Beginner Level

- Cost: R20 per person
- Venue: Whizz ICT Center
- Level spans over 1 day
- Course facilitators:
  - Whizz ICT members
  - Possibly UCT IS Students
- Course objectives:
  - Be able to download and install applications
  - Basic knowledge to navigate your smartphone e.g. use of applications, phone settings etc.
  - Understand basic theory regarding smartphones
  - Move into intermediate course

# Beginner Level

Target audience: Aimed at all ages, mainly older generation (40+)

Modules:

1. Installing apps, setting up phone
2. How to use apps, what certain apps do, how they are integrated
3. Settings of phone e.g. updating, switching data on/off
4. Terminology of smart phones, basic theory

# Intermediate Level

- Cost: R50 per person
- Venue: Whizz ICT Center
- Level spans over 1 week
- Two sessions per day- one in the morning and one in the afternoon.
- Course facilitators:
  - Whizz ICT members
- Course objectives:
  - Understanding of how and why applications are made(application background).
  - Have basic knowledge on how to use smartphones for business
  - Understanding the use of mobile banking(installation, navigation and making transactions)
  - Move into advanced course

# Intermediate Level

Target audience: Middle age (Between 30-50)

Modules:

1. Introduction to application background
2. Usage of smartphone for business purposes
3. Introduction to Mobile banking
4. Introduction to mobile hardware

# Advanced Level

- Cost: R1000-1500 per person
- Venue: Whizz ICT Center
- Level spans over a month, full time or 6-12 months part-time
- Course facilitators:
  - Whizz ICT members
- Course objectives:
  - Learn how to repair smartphones
  - Be able to continue in the work industry based off of the skills
  - Start your own business

# Advanced Level

Target Audience: Younger to middle age (18-50)

Modules:

1. Smartphone repair
2. Tools and Equipment
3. Troubleshooting
4. Smartphones in Business