# Data Management Tool for Food Processing SMEs

Dina Machuve
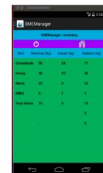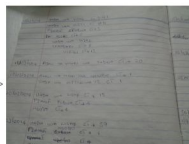
`dina.machuve@nm-aist.ac.tz`
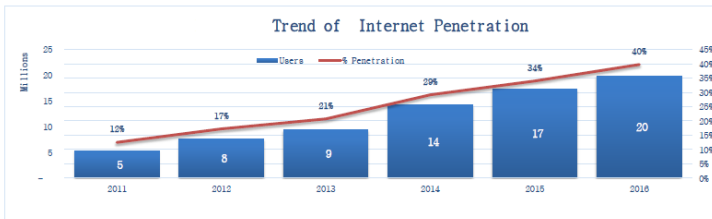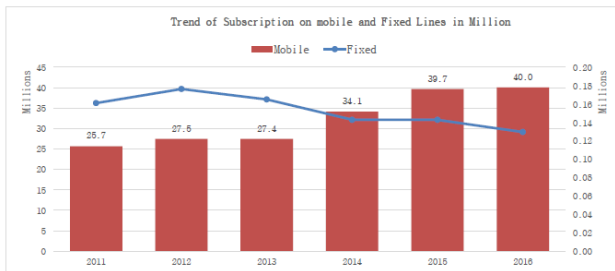
29 November 2017

# Introduction

- Data management: Predominantly manual, about 78.4% of SMEs in Tanzania
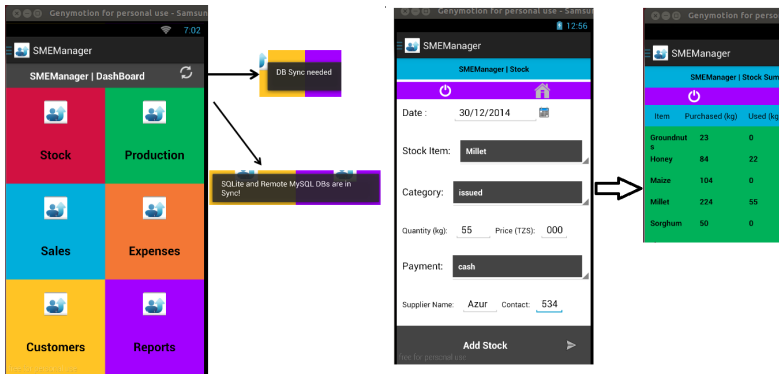
# Communication Statistics



Trend of Subscription on mobile and Fixed Lines in Million

Trend of Internet Penetration

1. Business transactions
2. Affordability of Computers: low
3. Inadequate ICT skills

# Mobile App Design



- The application functions both online and offline.
- Data stored: stock, sales, production and expenses

# Results

- The app tested: 8 SMEs, at least one food product
- Feedback:
  - Ease of use
  - Good design
  - Need technical support
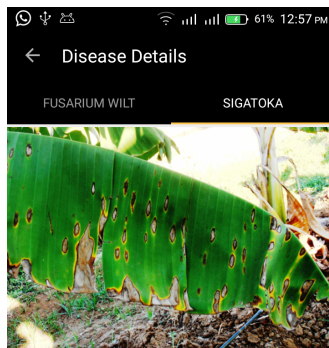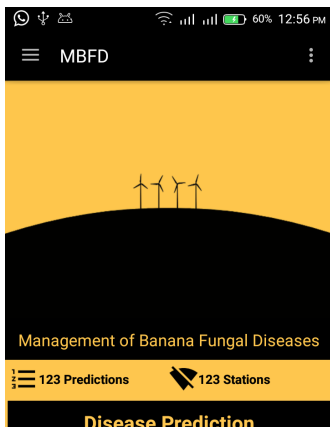
**Next...**

- Security, data storage
- Technical support
- Business model

# Another tool