PATA SERVICES

A MOBILE APPLICATION FOR PROFESSIONAL HOME MAINTENANCE SERVICES.
Study Background

• The maintenance and management of facilities has a great impact on the lifespan of a building.
• The art of maintenance is repair, replacement and changing the tools used in construction.
• The construction project of a building has four stages namely: design, construction, operation and maintenance.
Literature

• Problems arising from lack of building maintenance (Elvitigalage, 2008).
• Oseghale( 2015), there has been a shortage of professional service providers.
• National Construction Authority states that constructors should be accredited before engaging in any construction activities. It is a website www.nca.go.ke where one can get more information.
Research problem

• There has been a shortage of professional service providers which is as a result of various factors including poor image of the industry, the youth prefer white collar jobs etc.

• Problems arising from lack of proper building maintenance include: wastage of energy, water contamination, reduced lifespan of a building etc.
Aim

To ensure provision of professional and quality home services maintenance through rating and ranking service providers.
Methodology

• Extreme programming under Agile methodology was used. This methodology helps with dealing with shortcomings as it is involved in creativity, learn and advance through trials and errors etc.

• XP is mostly based on values such as simplicity and courage while it is very efficient, flexible and is also foreseeable.

• Android Studio is the platform used in the development while Java is the programming language. Firebase database will be used to store data.
System Design
System Architecture
Welcome home screen
Login

Create Account
Register

Create Account

Register Here

Email

Password

SUBMIT
we hope you enjoyed our services

Excellent

How was the service?

SEND FEEDBACK

NEXT
Rank

Service Provider Ranking

Gift plumber ★★★★★
Emmanuel ★ ★ ★
Brandon ★ ★
Conclusion

- The project aimed at providing professional home maintenance services by ranking of service providers. It will help save time and easily acquire maintenance services.
Thank you