



Electrician App

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Abstract: Electrician is an android and iOS-based application which helps peoples to find nearby electrician for their electrician related works in home or in office. Small and Moderate Works like changing Lights/Bulbs, boards, wiring, and repairing electrical instruments/appliances like TV, Refrigerator, ac, or even a bulb change and etc. The electrician app finds and provide nearby electrician according their work and their professional specialities and get electrician to customers at their doorstep's.

Keywords: Android, iOS, Application, Flutter, Problem Solving, Database, Maps.

I. INTRODUCTION

Electrician is an App/ Application Which works on Android and iOS mobile Devices the Application Originally made in flutter or on a flutter platform with using dart language and html language and firebase as database and other used APIs are from GCP (Google Cloud Platform). electrician App is very useful when people cannot move their fixed appliance like A/C, Refrigerators or another big Appliances to the electrician's workshop for repairing. Electrician is an android and iOS-based application which helps peoples to find nearby electrician for their electrician related works in home or in office. Works like changing Lights/Bulbs, boards, wiring, and repairing electrical instruments/appliances like TV, Refrigerator, ac, or even a bulb change and etc. The electrician app finds and provide nearby electrician according their work and their professional specialities and get electrician to customers at their doorstep's. While adding electricians to database electricians are shortlisted by their specialities and this thing helps to find an accurate electrician to the customer. The whole Appointments Booking procedure of electrician app is like a Boking a taxi or a Cab Online like Ola/Uber.in our app firstly customer need to choose their problem or issue secondly need to confirm their problem with location and nearby available electricians (selected electricians will be altered) and in final steps need to pay some money to confirm their booking. After booking completed electrician will reach to customer's home / office and customer will provide an OTP (One Time Password) to begin their work also provide an OTP while ending the work after solving problem or an issue by electrician. electrician will charge amount for their work manually in their respected local currency.

II. RELATED WORK

Currently there is no specialized application for electrician online booking in market for now is now such that there is a problem in the house of a customer, there is a problem with the electrical appliance or the customer needs an electrician then he has to ask the friend or neighbour " do you know any electrician " If the Neighbours or friend has said 'Yes, I Know', then it is ok otherwise 10 more people have to ask after that the If electrician is free then he will come otherwise he will not come. And all these things take a lot of time.

Currently only Ola [1], Uber [2], and Zomato [3] like apps are solved the problems of peoples to get everything at their doorstep's so why not an electrician to provide Services at their doorstep's.

That's why we developed this App.



III. WORKFLOW DIAGRAMS

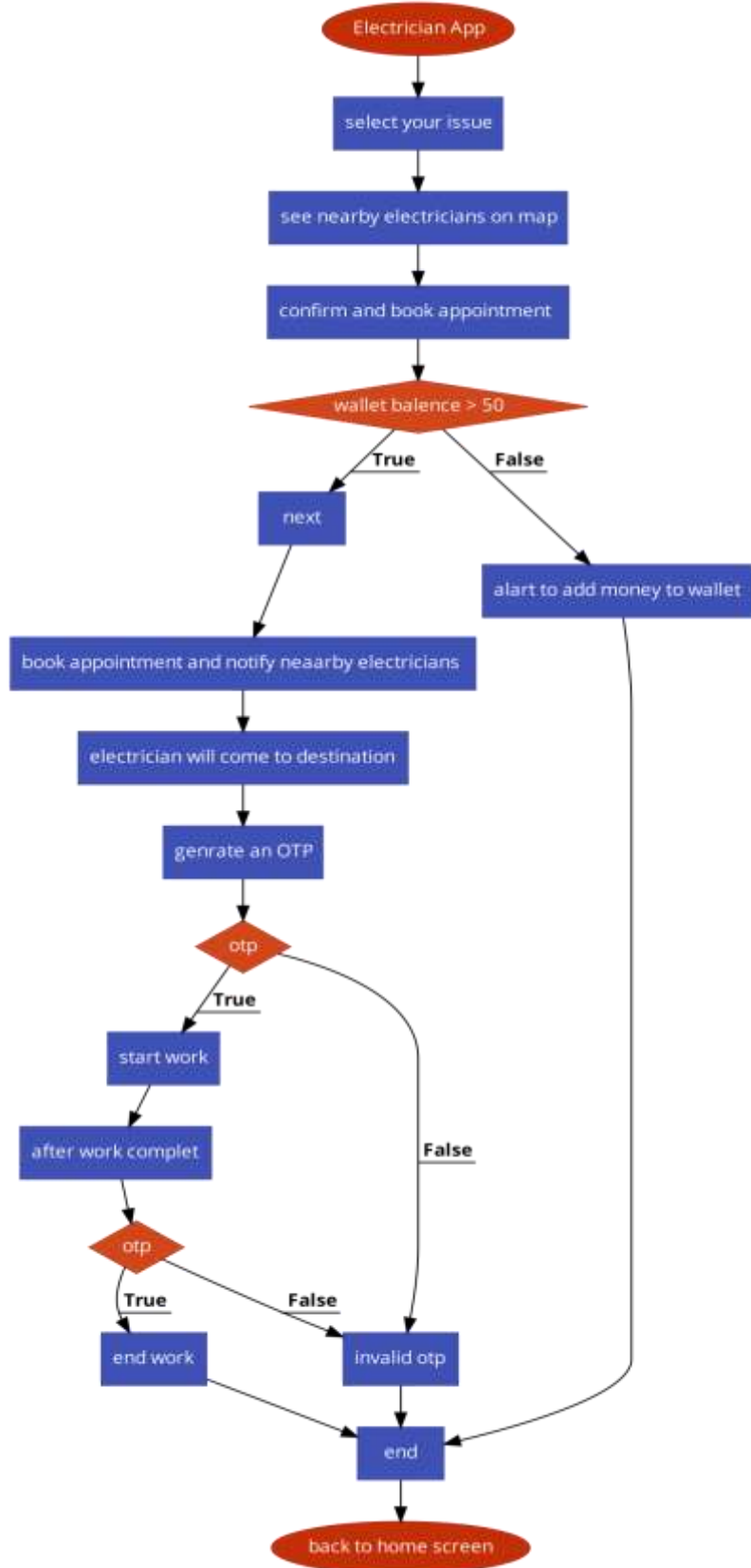


Fig. 3.1 Workflow Diagram



IV.RESULT

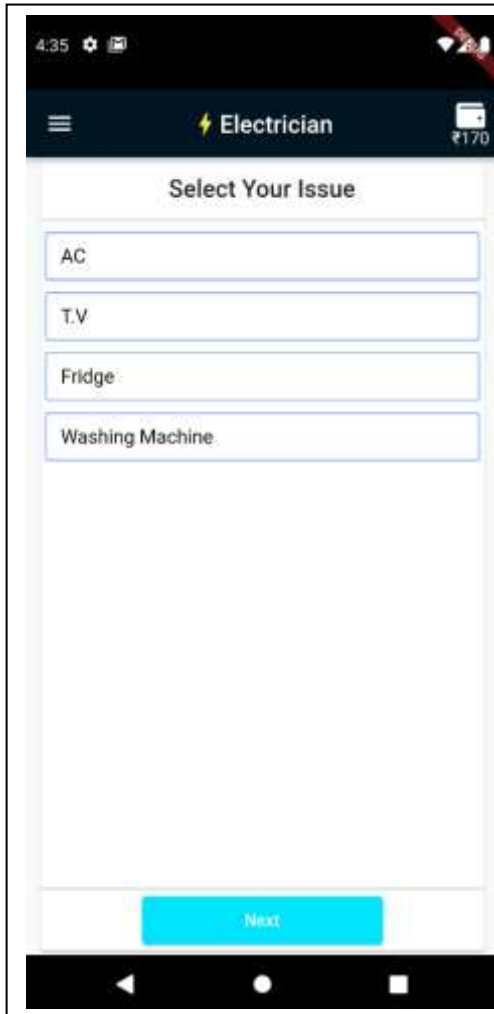


Fig.4.1 Electrician App

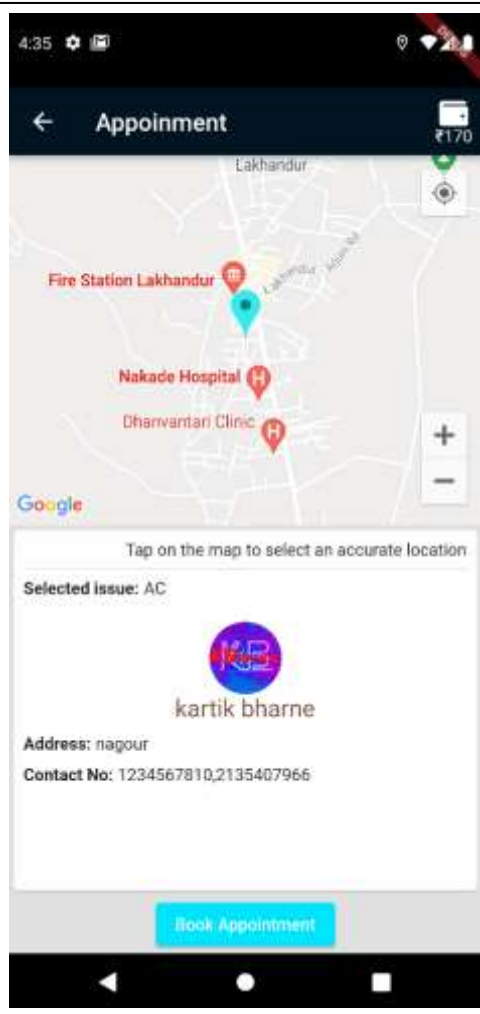


Fig.4.2 Electrician App

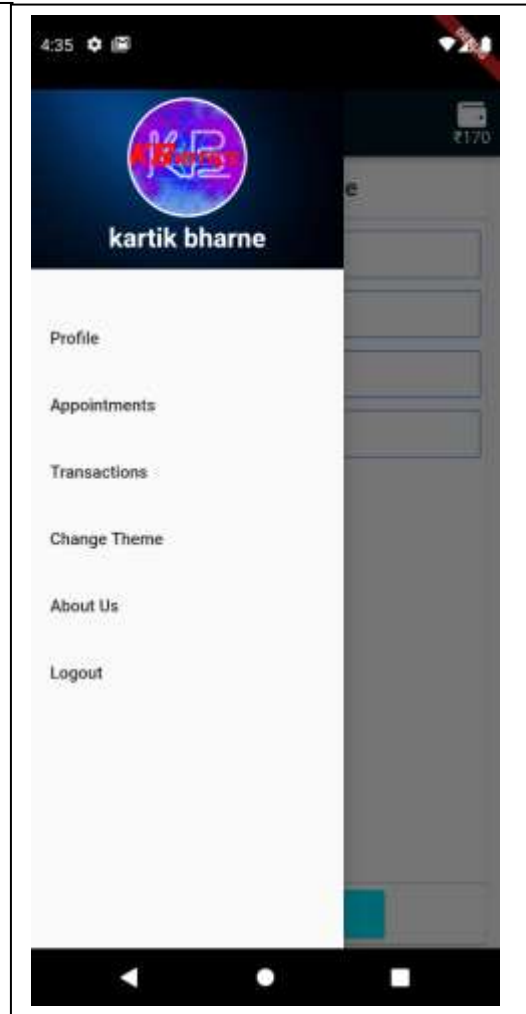


Fig.4.3 Electrician App



Fig.4.4 Electrician App

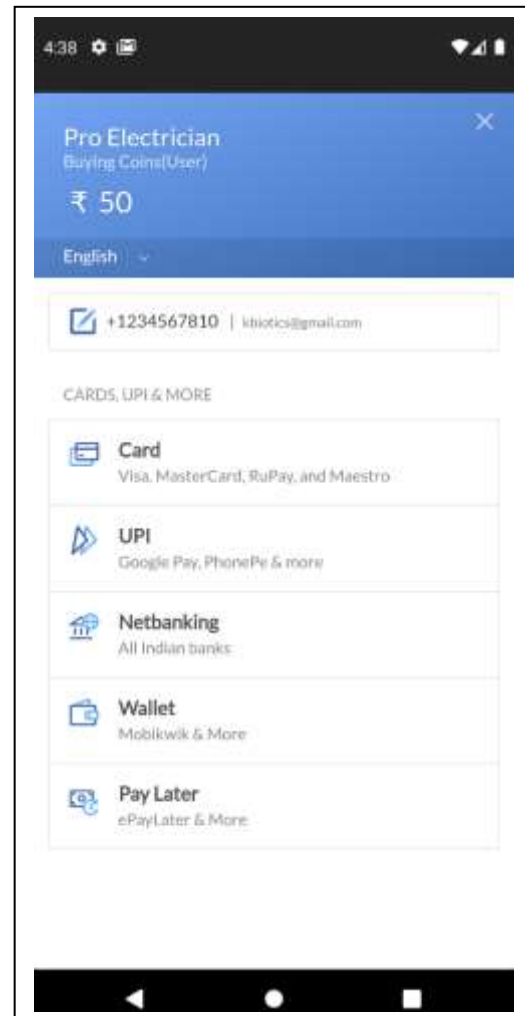


Fig.4.5 Electrician App

V. CONCLUSION

The Electrician is An Application for android and iOS mobile Devices which Helps peoples to find Nearby Electricians when they need at their doorstep's. And provide services to the customers.

ACKNOWLEDGMENT

The Electrician app is originally idea of Mr. Kartik Ravindra Bharne[1] and Developed and Designed by Mr.Shubham Dahatre[2] (paid employee) under the supervision of Mr. Kartik Bharne[1].

GitHub - <https://github.com/KBiotics/Electrician-App>

REFERENCES

- [1]. https://en.wikipedia.org/wiki/Ola_Cabs
- [2]. [Uber - Wikipedia](#)
- [3]. Ms. Harshleen Kaur Sethi, Product and Brand Strategy of Zomato Barclays Shared Services Pvt. Ltd. New Delhi, Delhi 110096

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