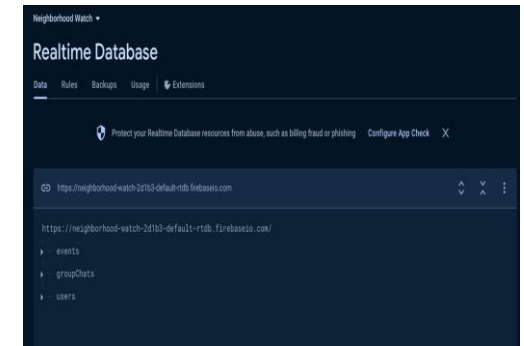




## Neighborhood Watch

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### Introduction

Security or the level of crime in the neighborhoods is a critical issue of concern in many societies. Our Senior Design Project fulfills the need of the unmet idea by creating a Neighborhood Watch app using the application development tool called Swift. This application is intended to help the inhabitants improve cooperation by instant sharing of information concerning potentially unlawful actions. With the help of contemporary technologies of mobile devices, our solution contributes to the creation of a safer environment and closer society.

### Research

About some of these areas, I want to make the following observations while developing this project to make our application efficient: Initially, I had to do UI testing, which entails making sure that there are no issues that directly affect the user interface of the application since I fix all issues to ensure that the usability of the application is not compromised in any way. Moreover, to check the reliability of our database and to establish that the user gets the information on real-time I also undertook extensive real time database integration testing.

### Conclusion

Neighborhood Watch is one of those features that will make a lot of difference to the community's safety. This is a tool that when centered on UI testing, real time base database reliability and authentic user emulation enhances the participation levels of the residents in the protection of their neighborhood.