



## Helpr

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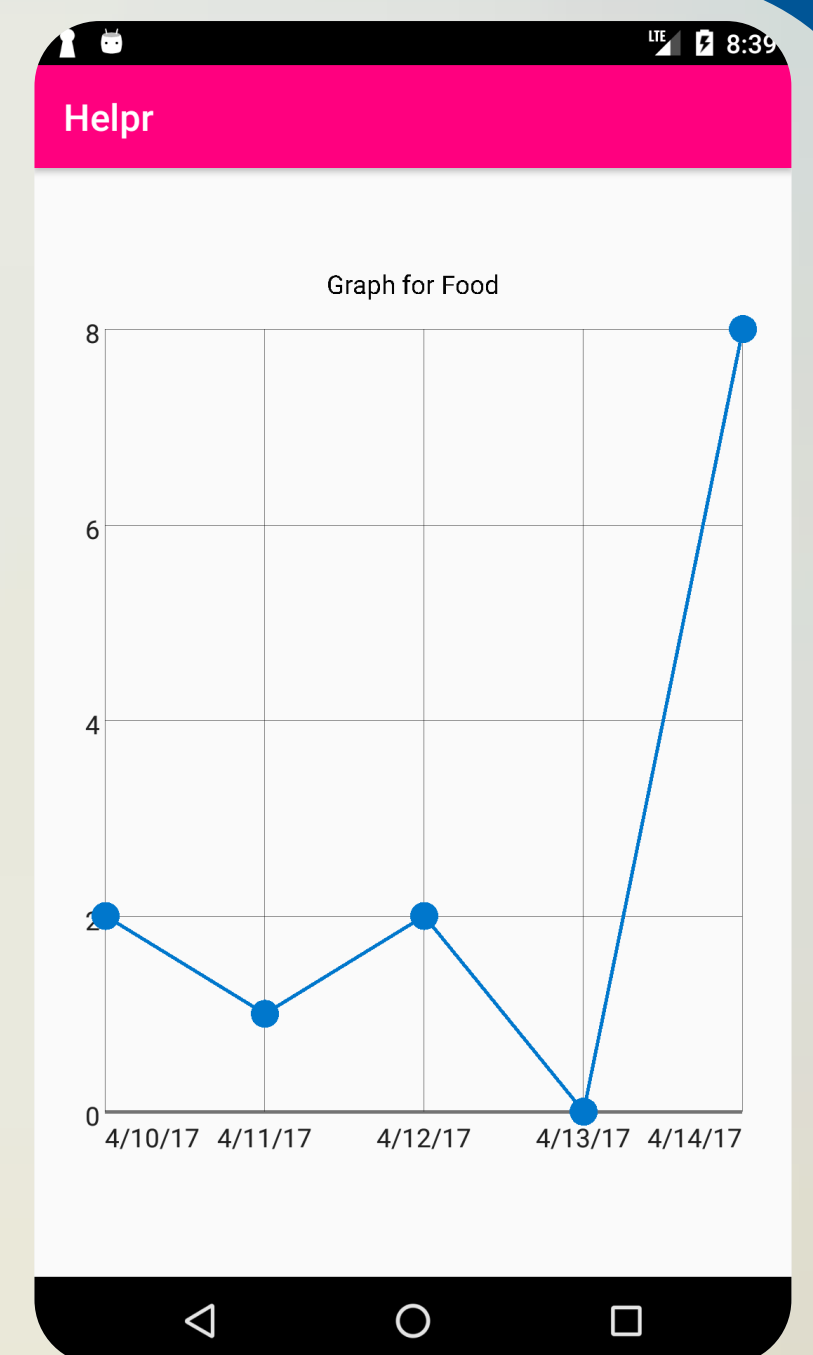
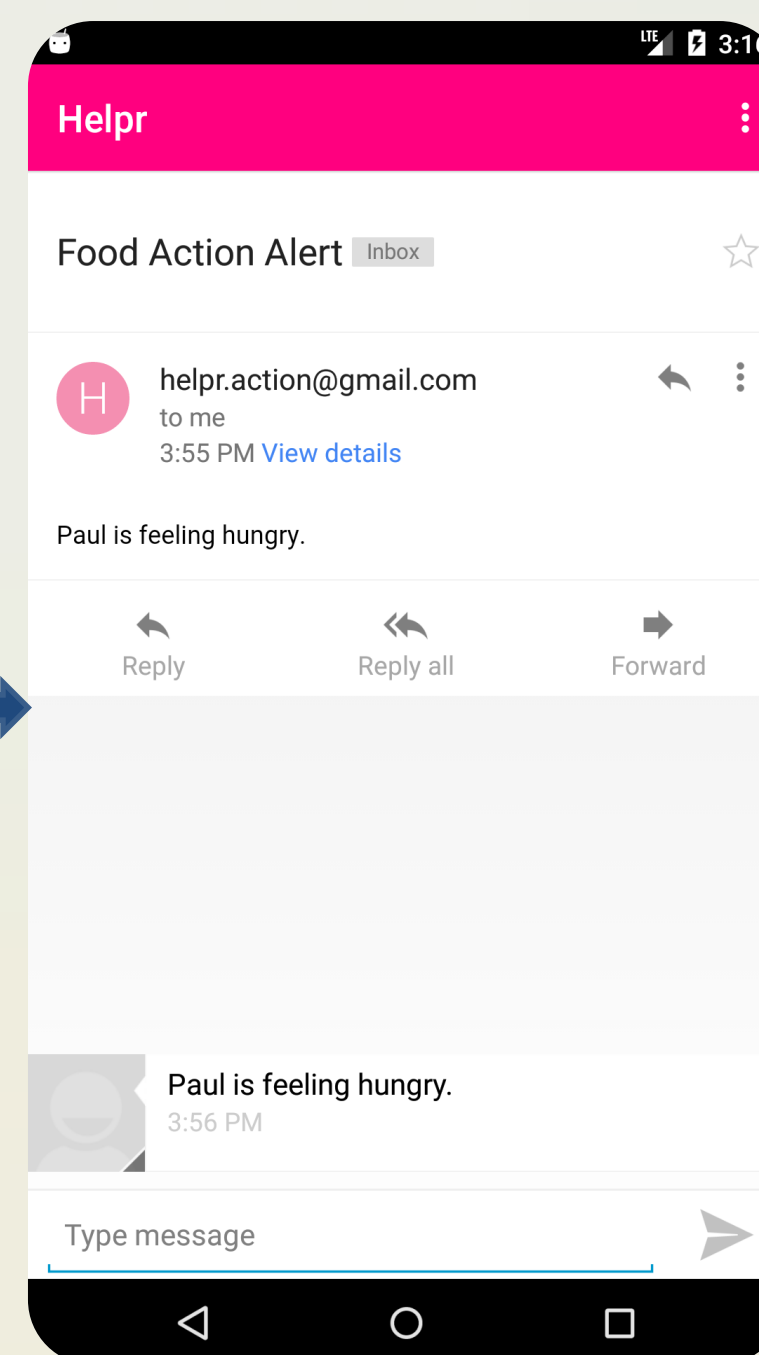
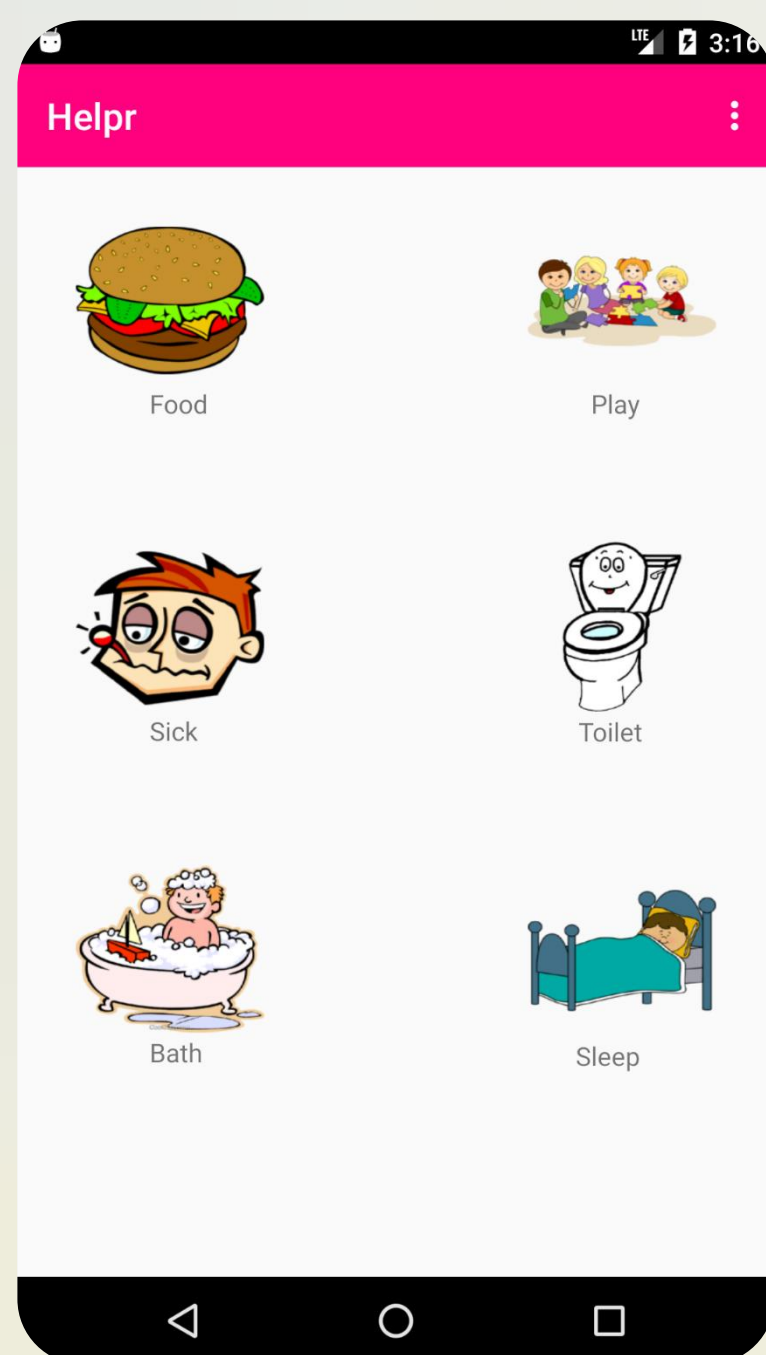
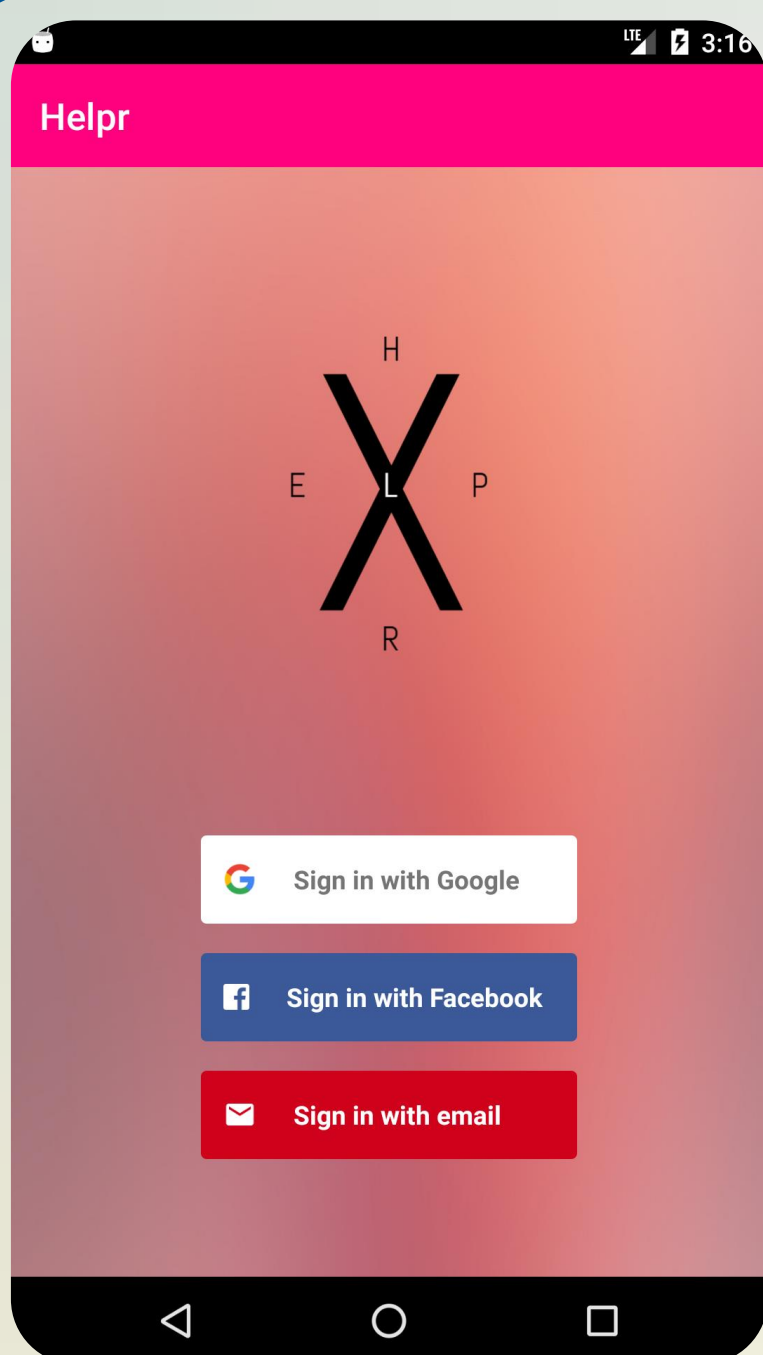
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### Introduction

- In the US, it is estimated that 1 in 12 children (aged between 3-17) have been diagnosed with a language and/or communication disorder in the last 12 months.
- It is estimated that 75% of 4 year olds in the US own a smartphone.
- Helpr is a smartphone application that helps children with language and/or communication disorders communicate with their parent/guardian/carer.



### Main Features

- Simple account creation and login.
  - Parent/guardian/carer can login via social media platforms e.g. Facebook, Google+
- One click notifications
  - A child can communicate with their parent/guardian carer via child friendly buttons.
  - Notifications can be sent via e-mail and/or SMS.
- Graph data that can be used by medical professionals.
  - Can be used if a child is feeling sick e.g. a child could be sick for a week. The doctor could then check the child's bowel patterns via the application

### Technologies used



### GitHub



### PlayStore



### Architectural Overview

- Helpr is an Android based application based on Android API 23.
- Authentication via Firebase with login options of Facebook & Google.
- SQLite database on the smartphone which holds user information.
- Action calls stored on SQLite database for graphing.
- Smartphone sends SMS and email notifications on behalf of child.

