



MUSAFa APPLICATION

GHAIDAA FAISAL ALLAF SHAMAYEL HASSAN SANADI TAIF AHMED ALOTEBI SAADAH FAHD AI-ALAWI

SUPERVISOR DR. MUSLEH ALSULAMI

Department of information System



جامعة أم القرى
UMM AL-QURA UNIVERSITY

INTRODUCTION

With all problems faced by the charity associations responsible for handling children with separated parents and their joined custody cases, it often causes the child to sit and wait at the association for several hours due to the corrupted co-parenting system they are dealing with. The associations face major pressure especially during holidays, where their main contact is either calls where the line could be busy for several hours call after another or WhatsApp chats that are flooded with messages it becomes hard to handle so many cases at once. Our team looked for the best and most organized and flexible way to solve this problem, and we have decided that the best course of action is to come up with a software with a fixed list of several messages and the chat would be anonymous between both parties for them to communicate directly when apologies or delays happen during their child's visitation day.

AIMS AND OBJECTIVES

- Assisting the social worker in organizing appointments without much effort
- Communication between father and mother without violating the privacy of each of them
- Ensure that children are not exposed to disappointments from parents

PURPOSE

The purpose of Musafa is to help establish a safe and more affiant way to deal with child custody cases that are entangled with divorce cases. It allows these associations to organize visitations, keep track of delays, cancellations, and monitoring reports on the children and families involved in the cases registered.

METHODS AND TOOLS



Visual Studio Code



Flutter freamework



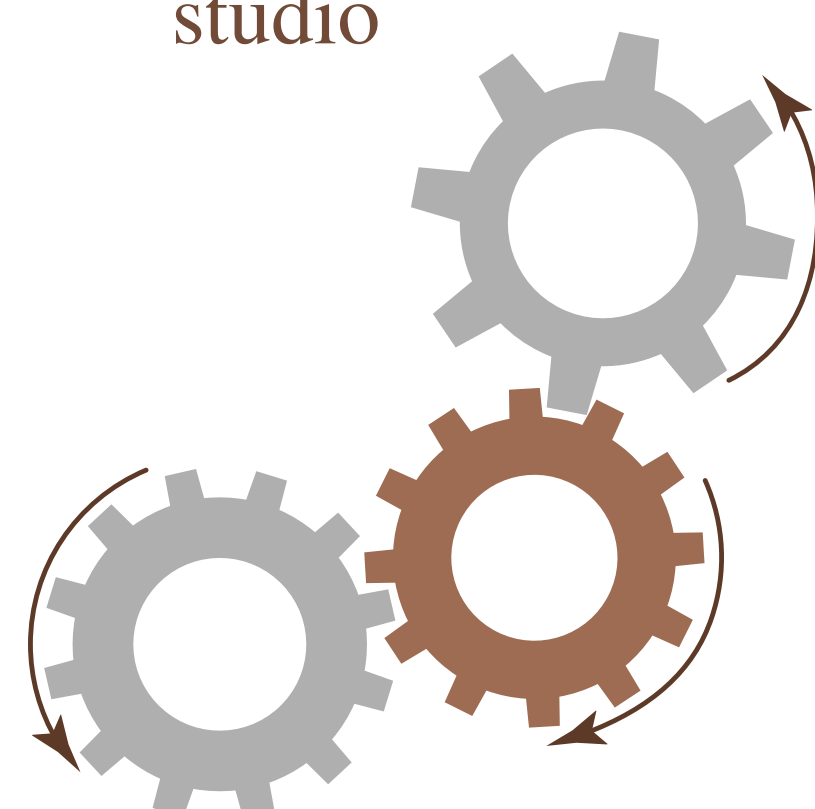
android studio



Firebase



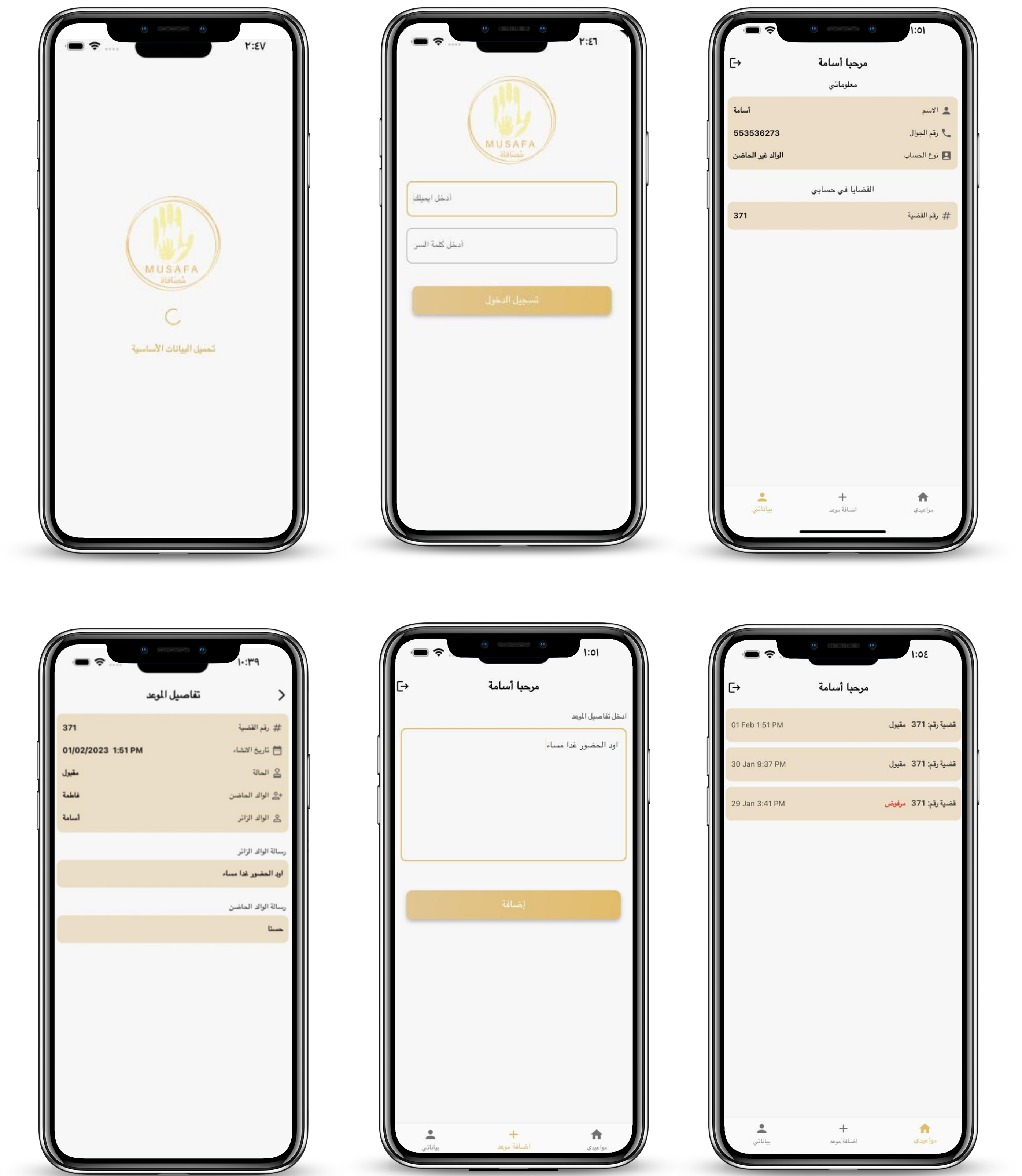
Dart language



RELATED WORK

| Proiect name | Safe communication | Parents monitoring | Child monitoring | Organized visitation dates | Organized court dates | Free usage | Information security |
|-------------------|--------------------|--------------------|------------------|----------------------------|-----------------------|------------|----------------------|
| 2 houses | × | × | × | ✓ | ✓ | × | × |
| Coparently | × | × | × | ✓ | ✓ | × | × |
| Our family wizard | × | ✓ | × | ✓ | ✓ | × | × |
| Musafah | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

RESULTS



CONCLUSION & FUTURE WORK

MUSAFa app can be a powerful tool for those who need to organize visits. It can provide a secure platform for communication and can help to reduce stress by making the process of organizing visits easier. In the future, we will be able to create a communication page between parents and the social worker. They can send messages, pictures, voice notes, and documents as well to the social worker. We will try to view all appointment changes in the assigned families on one page specific to the date, day, and time.

