

Mobile Software Development

**Keyshawn Butts, Annette Ibarra,
Vickie Victor**

Final Project

IDoodle

A

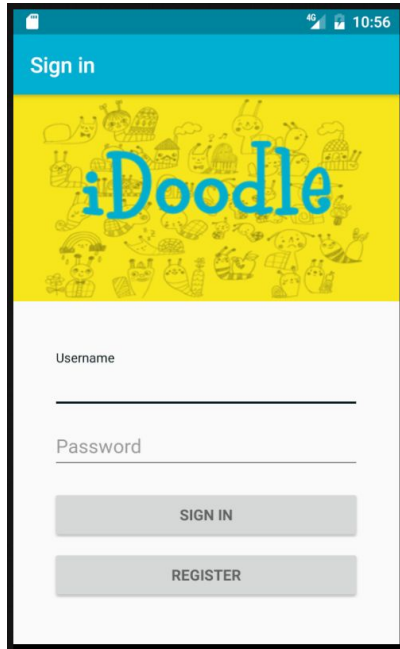
Multiplayer

Pictionary

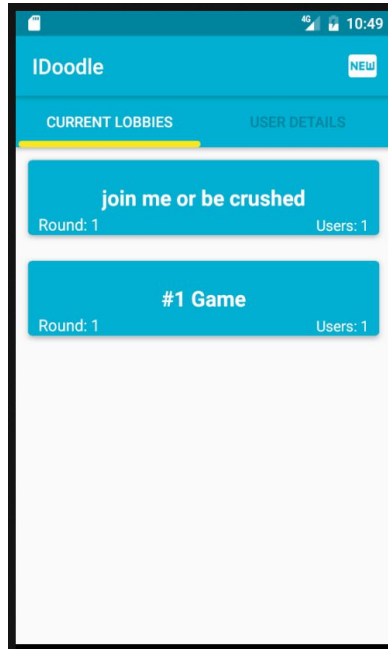
Application

—

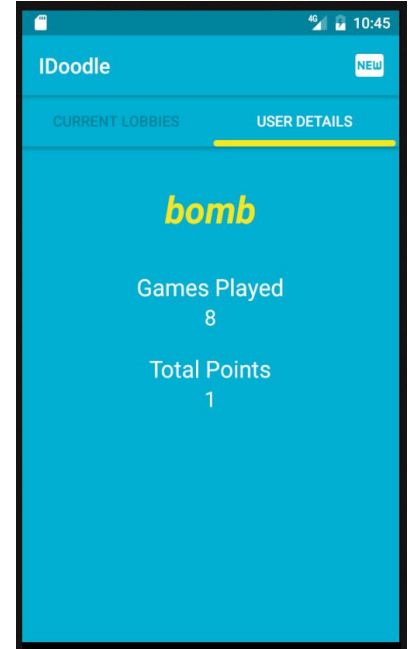
IDoodle Features



Login/Register
activity



RecyclerView of games
in lobby activity

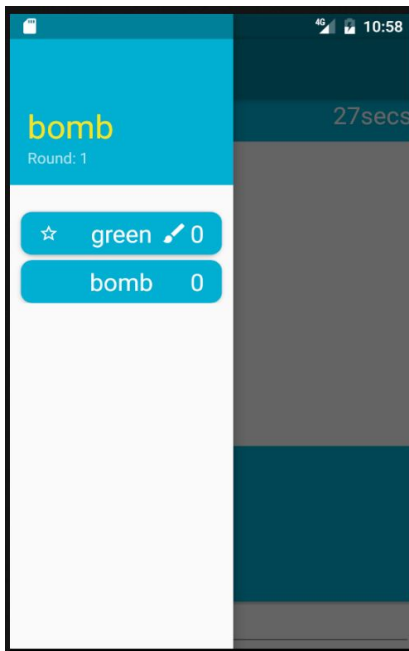


User details page

Idoodle Features



CustomView for
the game activity



RecyclerView in
navigation drawer

```
idoodle-3adf6
├── games
│   ├── -KkgZ3K98Q-3V7y6vrGs
│   │   ├── currentDrawer: "V4TKHft8jAM55Ha7b0409WJkV1s2"
│   │   ├── currentWord: "shirt, tshirt"
│   │   ├── drawingUrl: "https://firebasestorage.googleapis.com/v0/b/ido..."
│   │   ├── gameId: "jh"
│   │   ├── gameState: "drawingPhase"
│   │   ├── hostUserId: "YmHSGvbmwe4VDTFeRqXv3n2SV2"
│   │   └── messages
│   │       ├── -KkgZFOn1pUU395xlejp
│   │       │   ├── body: "Word was: tennessee"
│   │       │   ├── isSystem: false
│   │       │   └── sender: "SYSTEM"
│   │       └── roundNumber: 2
│   ├── uid: "-KkgZ3K98Q-3V7y6vrGs"
│   └── userList
│       ├── V4TKHft8jAM55Ha7b0409WJkV1s2: "bomb, 1"
│       └── YmHSGvbmwe4VDTFeRqXv3n2SV2: "green, 1"
└── users
    ├── C5JDhshL12VPaVKMrPz37r21vtC3
    │   ├── currentGameID: "-KkfX0kS_T1TYOp_4Dot"
    │   ├── gamesPlayed: 6
    │   ├── totalPointsEarned: 6
    │   ├── uid: "C5JDhshL12VPaVKMrPz37r21vtC3"
    │   └── username: "he11o"
```

Firestore database

IDoodle Demo
