

# Project Plan Presentation

## Documenting Academic Harassment

### The Capstone Experience

#### Team Targets' Tip

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*From Students...  
...to Professionals*

# Project Sponsor Overview

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## Targets' Tip

- Based in Okemos Michigan
- Co-founded by an Assistant Professor at MSU
- Foster a safe academic environment
- Ensure that targets of academic harassment have access to resources for reporting and help
- Gather data to identify problems within institutions globally



# Project Functional Specifications

- Incidents of academic harassment often go unreported or forgotten
- Users will have a safe and secure platform to document their personal experiences
- Stores evidence and details of each incident
- Reports and incidents will be categorized for both users and admins in a concise dashboard
- Data can be filtered by type of harassment, frequency, location and behaviors

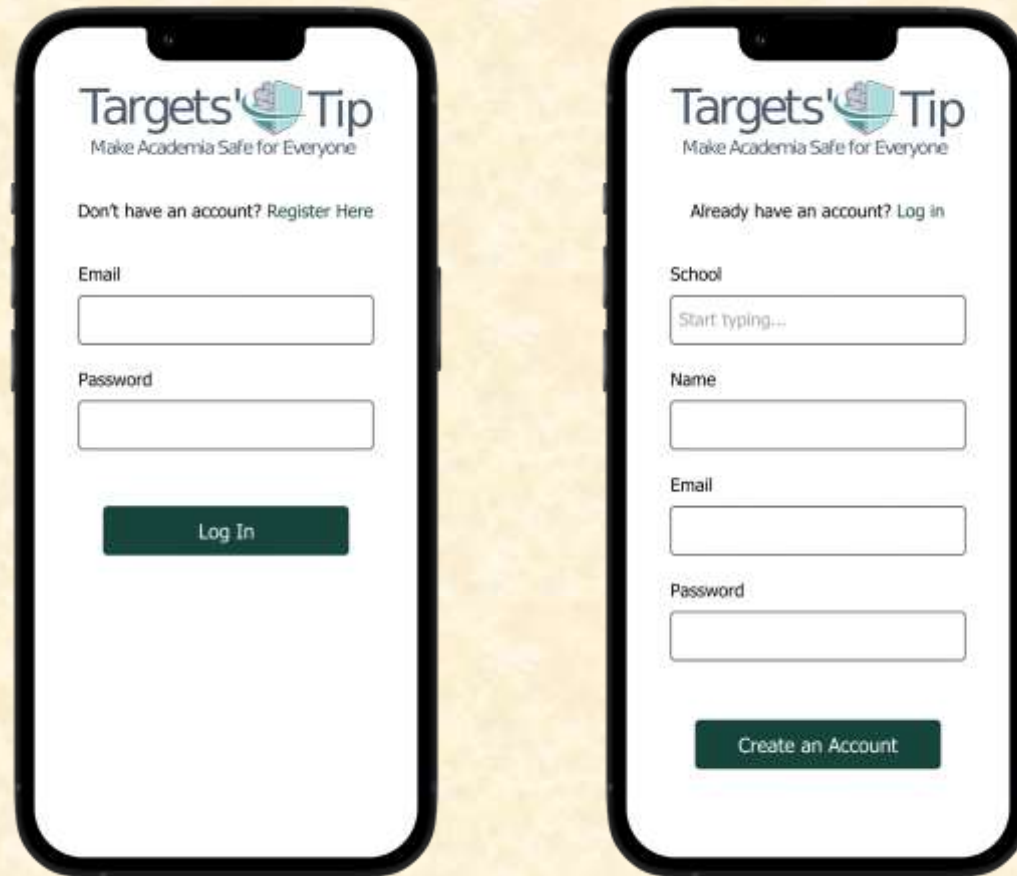


# Project Design Specifications

- There are 2 kinds of users – subscribers and admins
- The targets tip mobile/web app can be used by subscribers to submit reports and view their report history/summaries
- The targets tip admin portal can be used by admins to view the number of subscribers and aggregate data on the types of harassment, frequency, location, etc.



# Screen Mockup: Login & Signup iOS



# Screen Mockup: Submit Report Page Android

**Submit a Report**

Type of Harrassment Experienced

When?

Where?

Department

Perpetrator's Title & Name

Please list witnesses (if any)

**Submit a Report**

Perpetrator's Title & Name

Please list witnesses (if any)

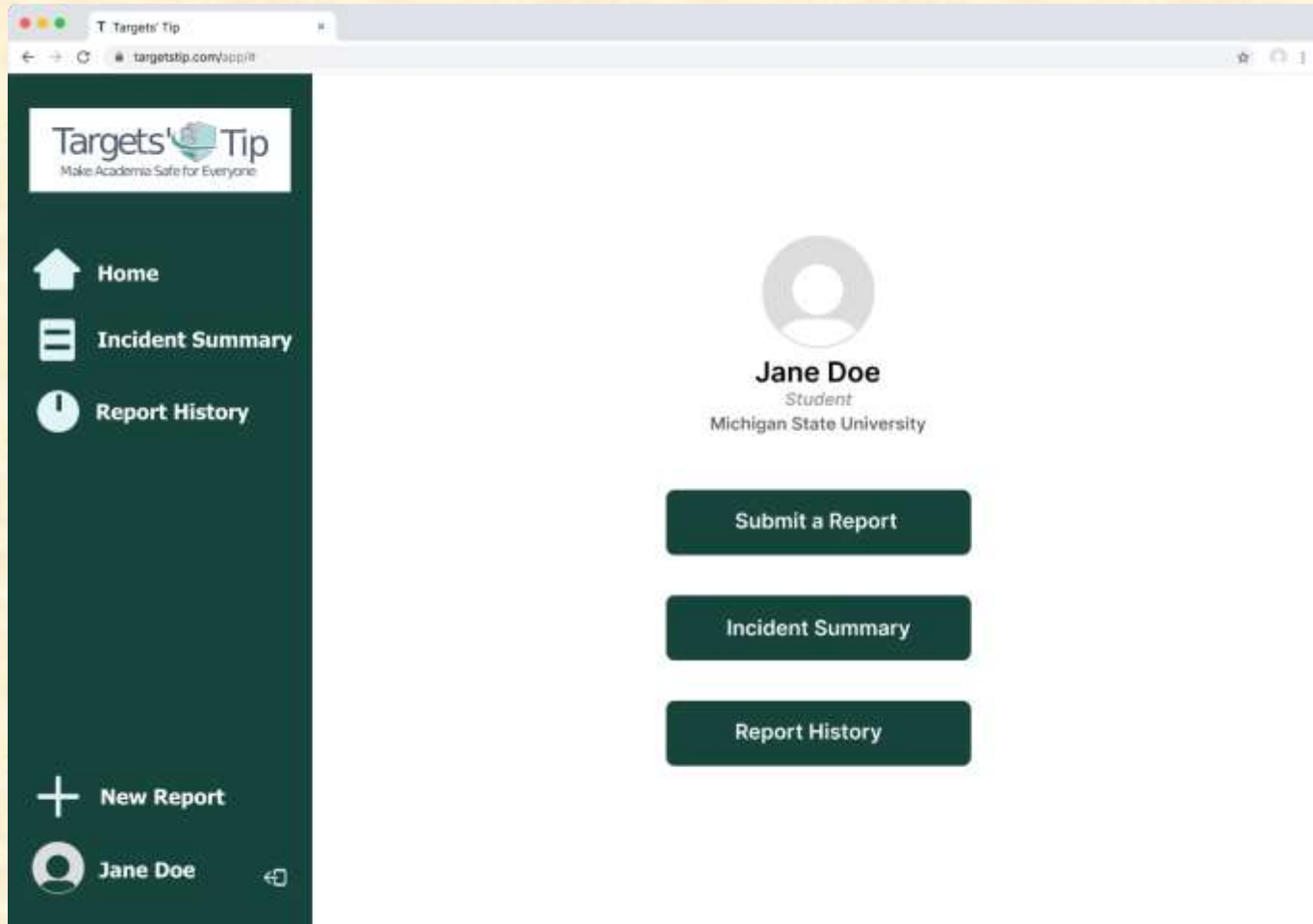
Additional Notes

Related Documents

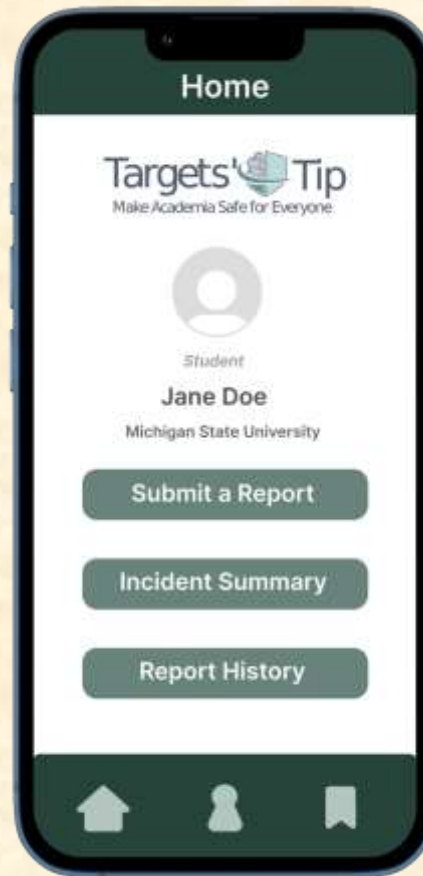
**Submit Report**



# Screen Mockup: Homepage Web

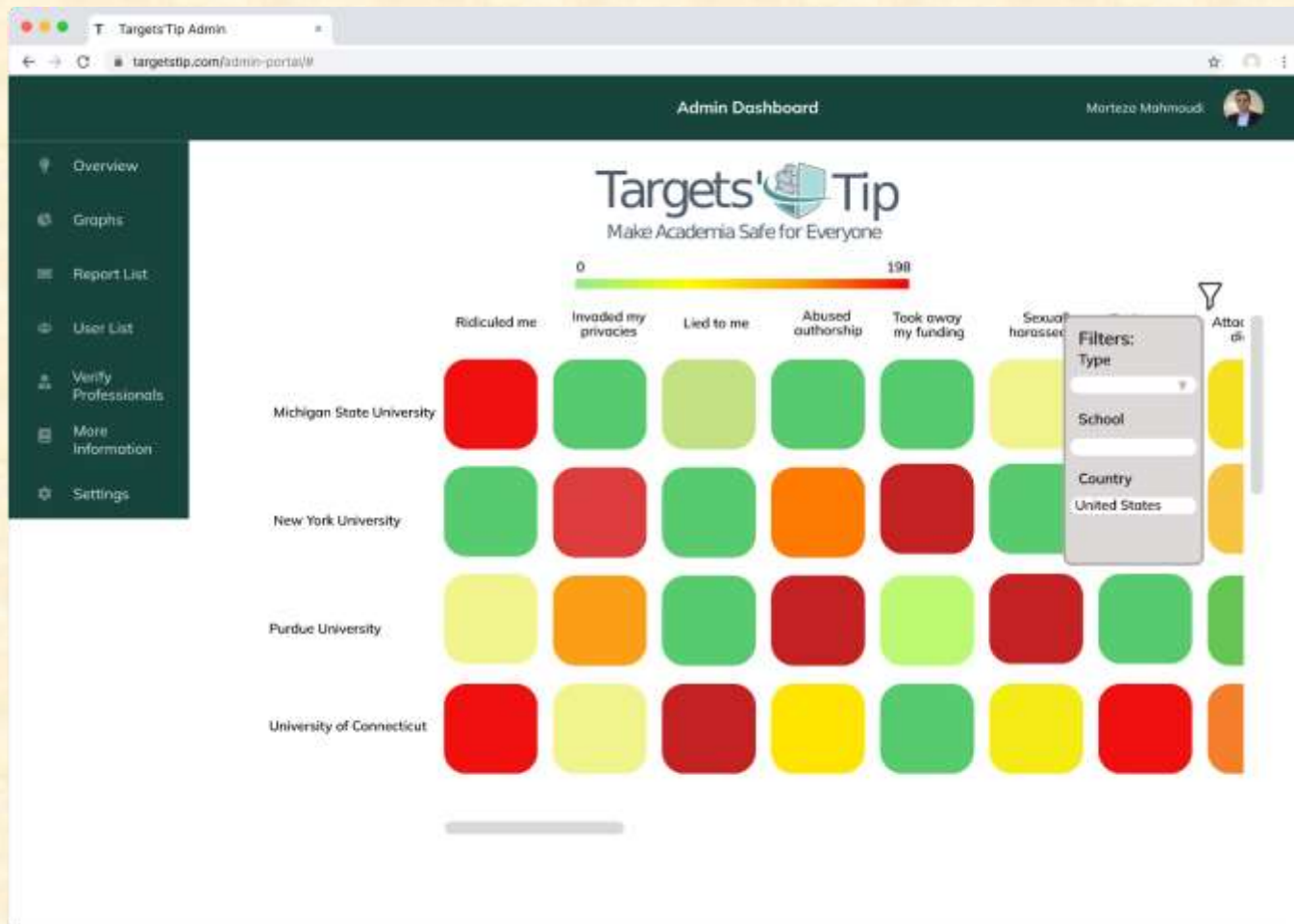


# Screen Mockup: Homepage iOS





# Screen Mockup: Admin Portal

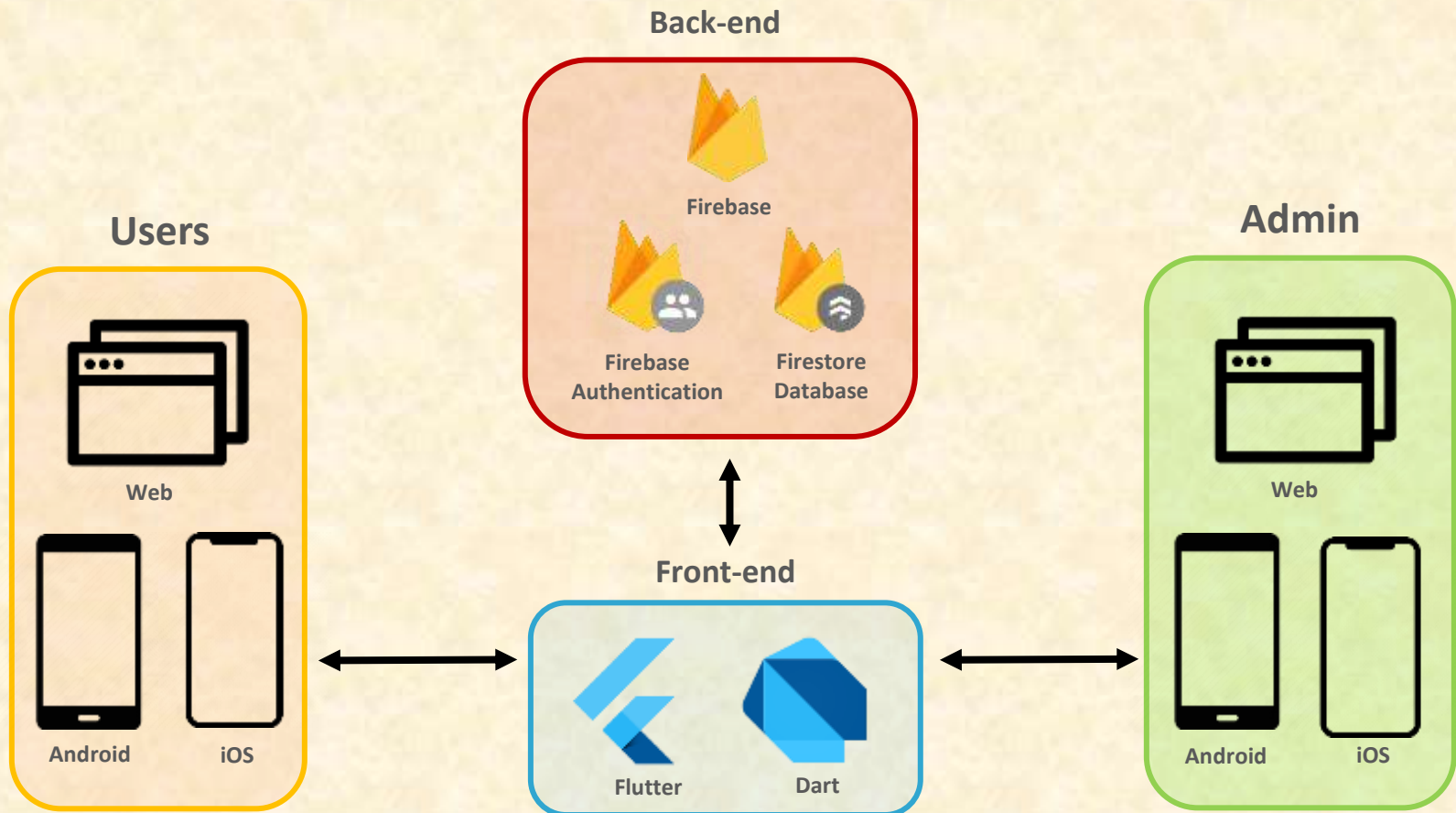


# Project Technical Specifications

- Flutter is used to create the front end for both the mobile and web applications
- Dart is the programming language used for Flutter
- Firebase Authentication is used in order to have a secure authentication method
- Firestore Databases will be used for storing any user related or generated data
- Firebase Storage will be used in order to store and user content, such as images



# Project System Architecture



# Project System Components

- Hardware Platforms
  - iOS
  - Android
  - Windows
  - macOS
- Software Platforms / Technologies
  - XCode
  - Android Studio
  - Flutter
  - Firebase



# Project Risks

- Risk 1
  - Unsure if Flutter is the right frameworks for our applications
  - Research into different frameworks for creating cross platform applications
- Risk 2
  - Making a fast database without spending money
  - Talk to client about options and concerns
- Risk 3
  - Fluid responsiveness between web/mobile applications
  - Creating different styles and layouts for different devices
- Risk 4
  - Not familiar with authentication forms
  - Research authentication methods online (OAuth, FirebaseAuth, etc.)



# Questions?

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