



# Loriinae

LOCAL EVENTS. REAL CONNECTIONS.

# LORIINAE: A MOBILE APPLICATION FOR DISCOVERING LOCAL EVENTS AND BUILDING COMMUNITY

Loriinae helps users discover local events, connect with others, and create memorable experiences in their community.



COMPUTER SCIENCE  
SENIOR DESIGN PROJECT



SPRING 2026



College of  
Computing & Informatics



Drexel University



## ABSTRACT

Loriinae is designed to bridge the gap between people and local events. It provides an intuitive platform for exploring events, connecting with like-minded people, and creating or managing events. With a focus on simplicity, personalization, and community, Loriinae empowers users to build meaningful shared experiences.



## OBJECTIVES



### DISCOVER

Help users find local events that match their interests.



### CONNECT

Enable users to connect with others who are attending or share similar interests.



### MANAGE

Allow seamless creation and management of events.



### PERSONALIZE

Provide a personalized experience through user preferences.



### SECURE

Ensure user privacy and data security at all times.



## KEY FEATURES



Create, edit, and manage events



View attendees and connect with others



Clean, intuitive, and modern user interface



Secure authentication and data protection



## TECHNOLOGY STACK



iOS Frontend  
Swift + SwiftUI



Authentication  
Firebase Auth



Backend API  
Swift + Vapor



Database  
AWS DynamoDB



File / Image Storage  
AWS S3



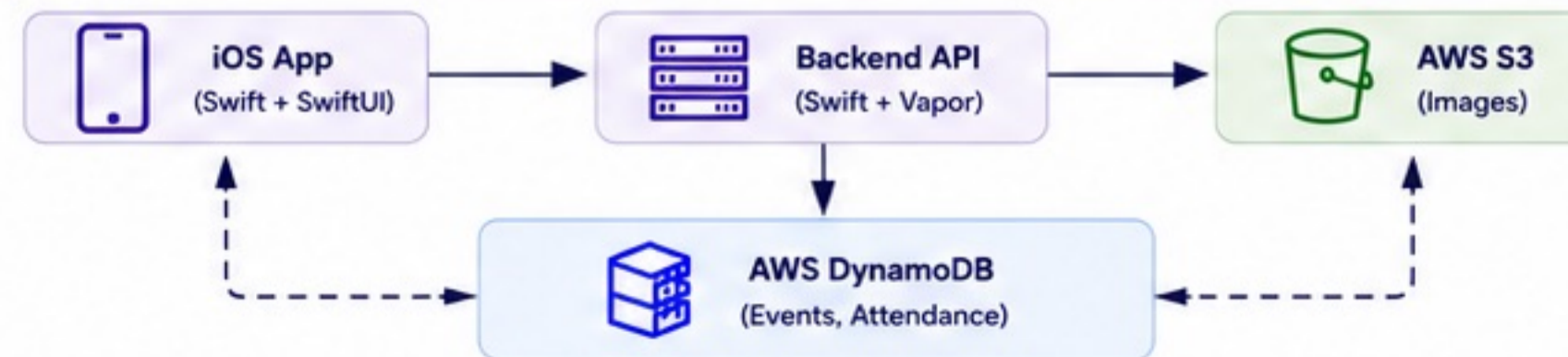
Deployment  
Docker /  
Docker Compose



Dependency Management  
Swift Package Manager



## SYSTEM ARCHITECTURE (HIGH LEVEL)



## TEAM MEMBERS

- Reggie Easton
- Leo Nguyen
- Jolin Guo
- Liz'e Simpson
- Aryan Katakwar
- Janhi Ong



## ADVISOR

- Kai Zhang



## IMPACT

Loriinae fosters stronger communities by making it easier for people to find events, meet new people, and engage in activities that enrich their lives.



Bringing people together.  
One event at a time.



## FUTURE WORK

- Add in-app chat and messaging
- Integrate ticketing and RSVP system
- Push notifications for event updates

- AI-powered event recommendations
- Expand to support organizations and event sponsors