



# Event Finder

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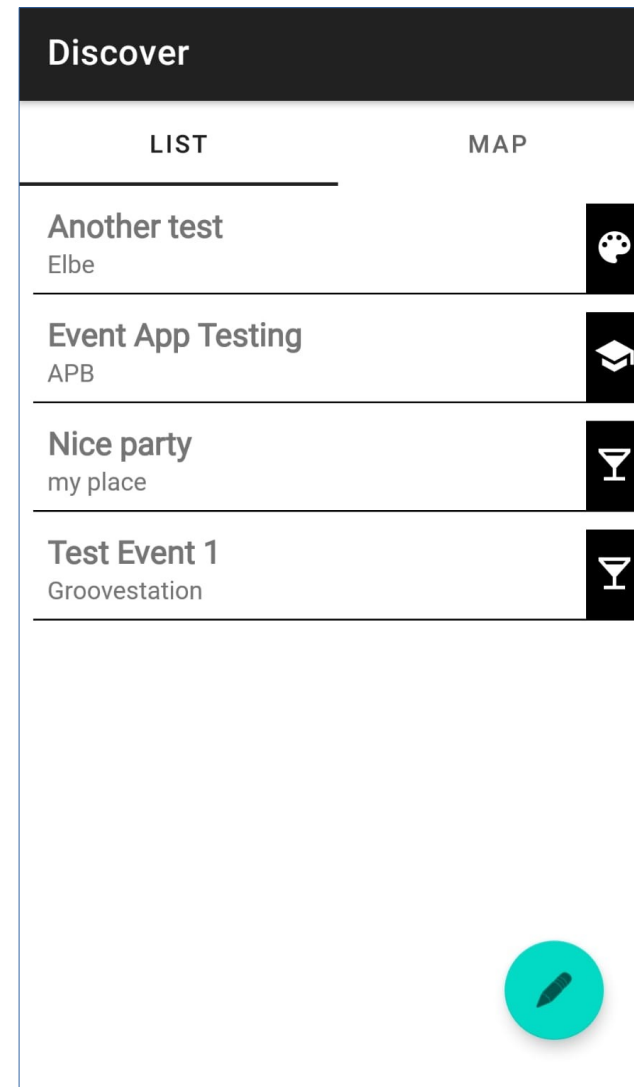
# Find your local events with ease

## Events in your surroundings, with map and list

- No more Social Network Accounts just for the Events...
- Save Events you want to attend to

## Platform

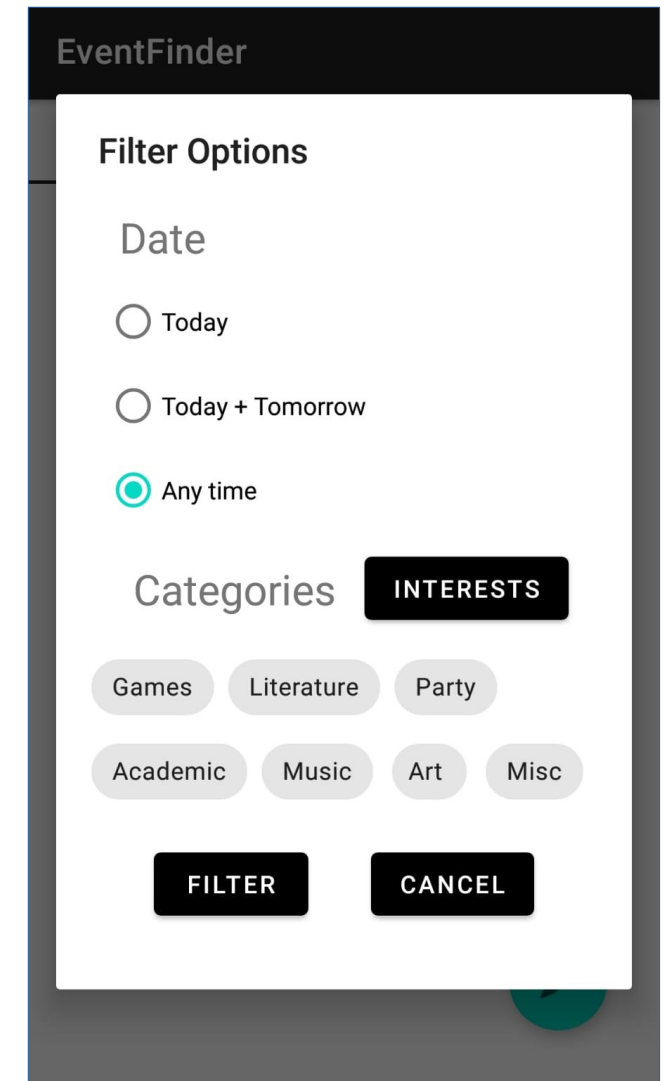
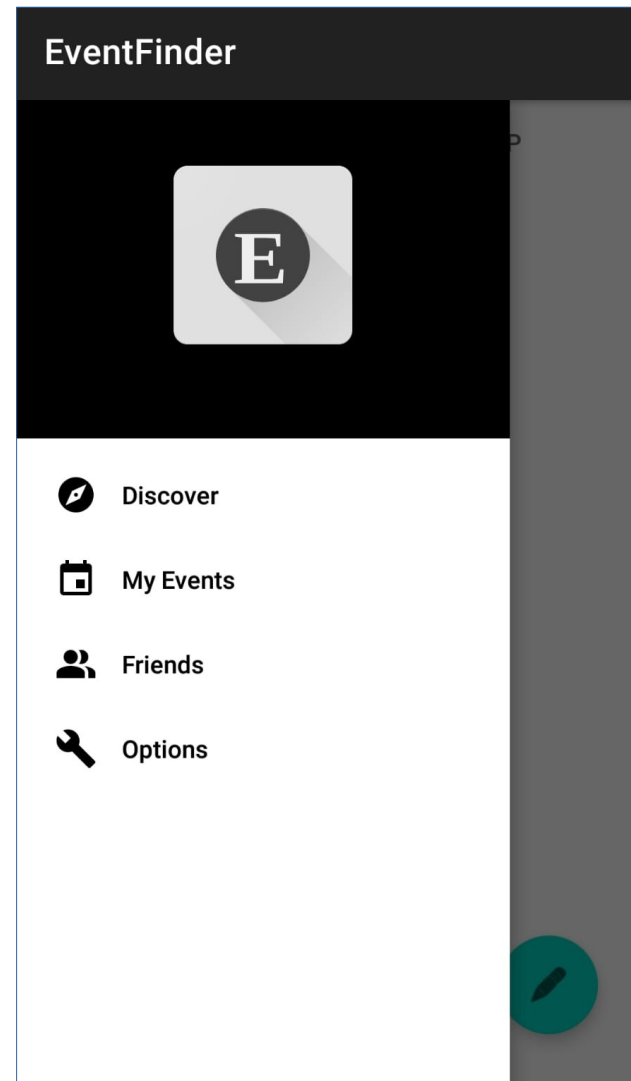
- Android



# Navigation

## All you want in one place

- Navigate the app with ease with the navigation drawer
- Filter for events you are really interested in



# Events for everyone

## User

- Create own public/private events
- Adjust Event preferences
- Show events near the user
- Show events friends attend
- Invite friends to events

### Create event

Event Name   Private event

Longitude  Latitude  MAP

Location name

Event date (MM.DD.YYYY)

Start time (HH:MM)

Games Literature Party

Academic Music Art Misc

Event description

### Options

User Name

#### Interests

✓ Games ✓ Literature ✓ Party

Academic Music ✓ Art Misc

#### Event search

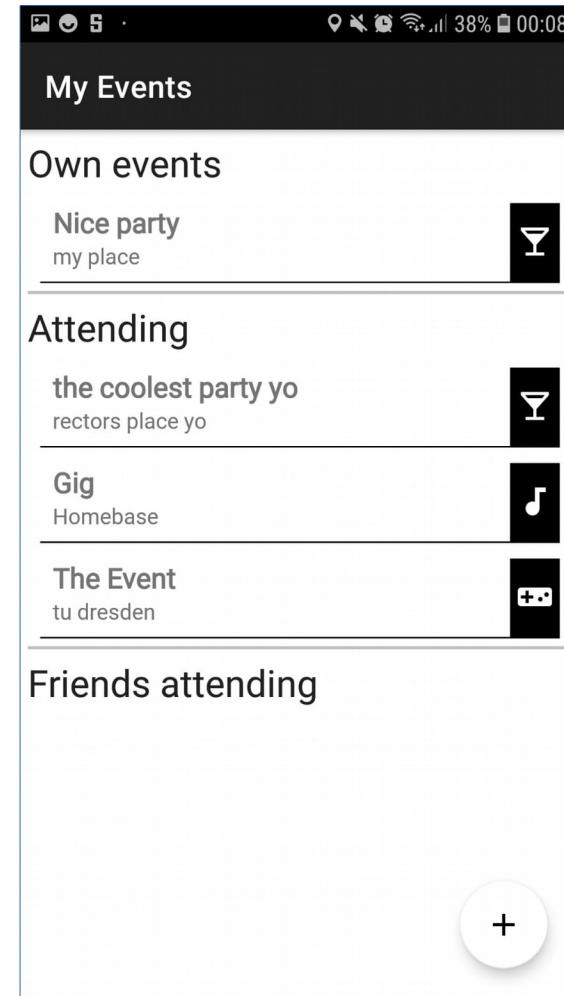
Max. Radius (km)

Min. Events

User-ID: H8wSsgClKj5kbN3n

# Events for everyone

All relevant event-related-infos in one place!



# Challenges of mobile computing

## Connectivity challenge

- Requesting an Event information updates the Event information when Internet connection is present, shows local version when there is no internet connection.

## Offline challenge

- Events created by user are first stored locally
- Keep any event the user attends cached, so its information will be available any time

# Adaptations

## User preferences

- Suggest events / Highlight events based on user's interests (e.g. filtering by tags)
- Dynamic search radius server-side to retrieve a minimum number of events.
  - When the user is in a small town with a low amount of events, the server will increase the search radius
- Option to see events that friends of user attend

## Location

- User moves → update events based on new location
- Search radius can be set by the user

# Technology

## Main Application

- Android API 26
- Programming language: Kotlin

## Server Backend

- Node.js application that provides API services for the app client  
→ Handle application – database interaction to deliver relevant information to the user

## Database

- NeDB Javascript Database
- Stores Event and User related information



# Thank you for your attention