Android Group Project Kick Off Event

January 25, 2024 at 9 pm ET ✨

Please share in the Chat:

- Tell us where you are joining us from!
- What do you hope to get out of contributing to open source?
- What is your experience level in Android?

WOMEN WHO CODE /mobile

Project Maintainers - Android

Gauri Gadkari, Android Engineer
Evangelist @ WWCodeMobile

Ren Wahed, Software Engineer
Evangelist @ WWCodeMobile

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Project Manager / Floating Maintainer

Cecelia Martinez, Software Engineer
Volunteer @ WWCodeMobile

Vui Nguyen, iOS Engineer
Leadership Fellow @ WWCodeMobile

Agenda

- Collaborative Android Development: Build Skills, Connect, Grow!
- Unveiling the Task Tracker App: Get Ready to Bring It to Life!
- Project Setup on Github: Master Version Control and Start Contributing!
- Open Source Workflow: Collaborate with the Community and Unlock Your Development Potential!
- Ways You Can Contribute: Find Your Perfect Role and Shine!
- Coding Resources: Hone Your Skills and Build Your Developer Toolbox!
- Staying in Touch: Build Connections and Keep the Collaboration Thriving

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Open Source Group Project Initiative!

Collaborative Experience

GitHub Mastery

Skill Enhancement

Community Connections

Guidance and Growth

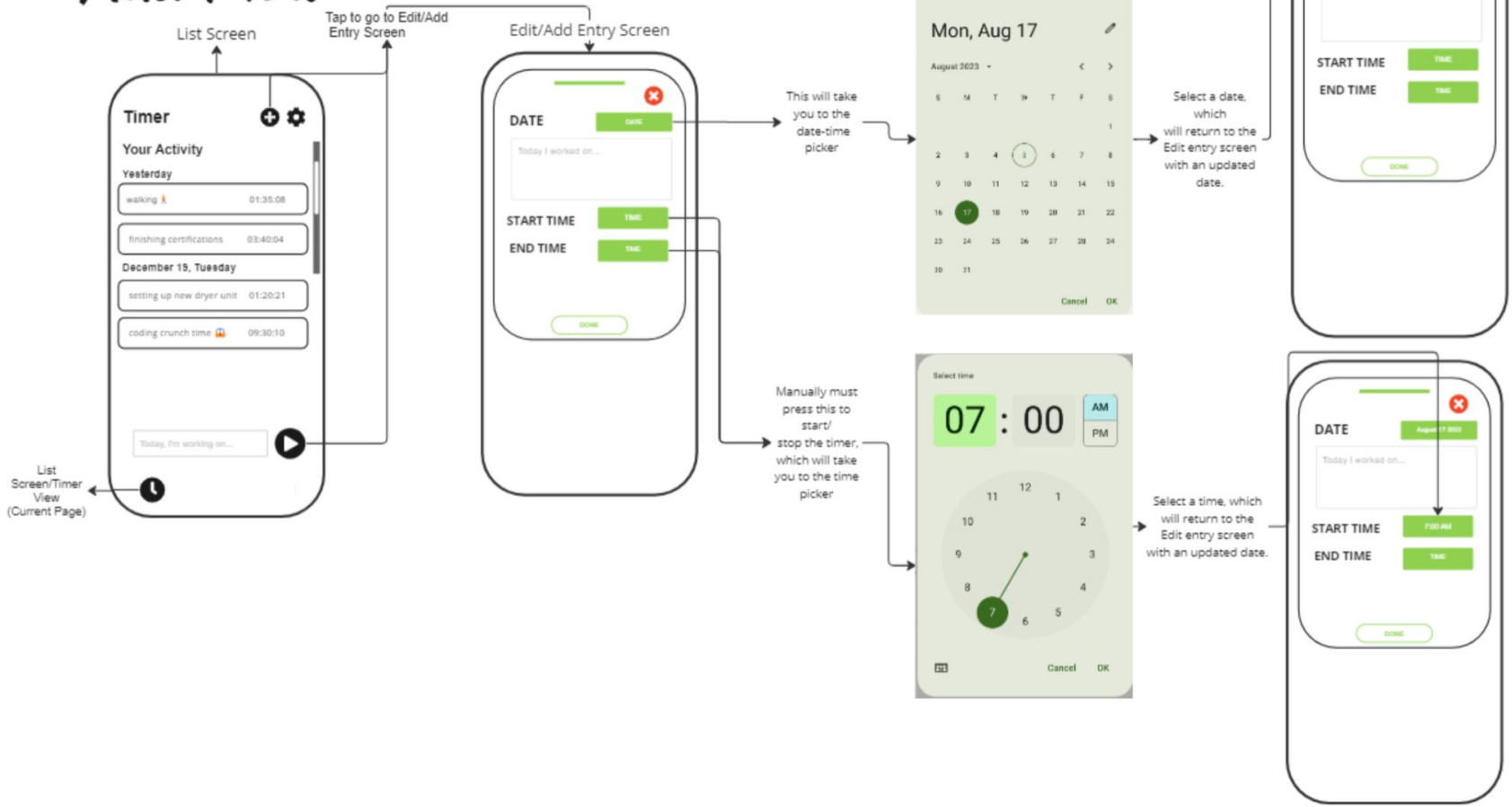
Process Proficiency

App Idea and Wireframes

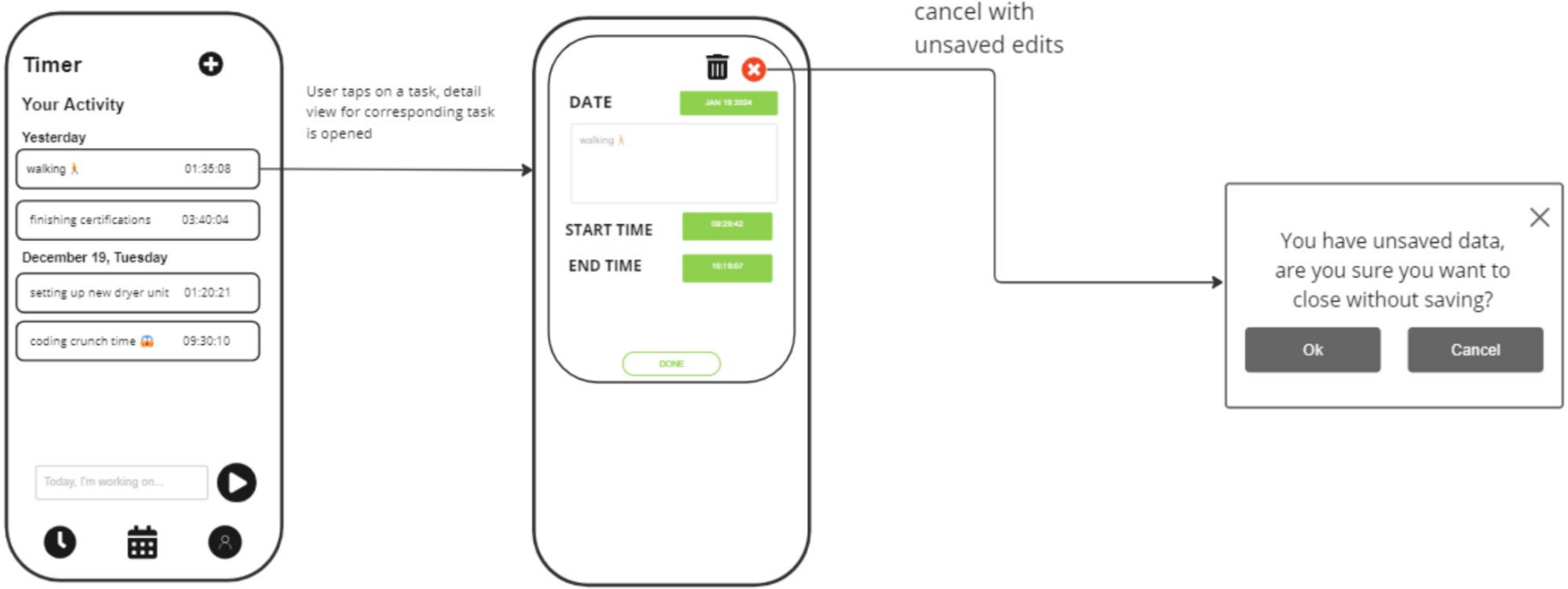
Flows:

- Add Flow
- Detail/Edit Flow
- Delete Flow

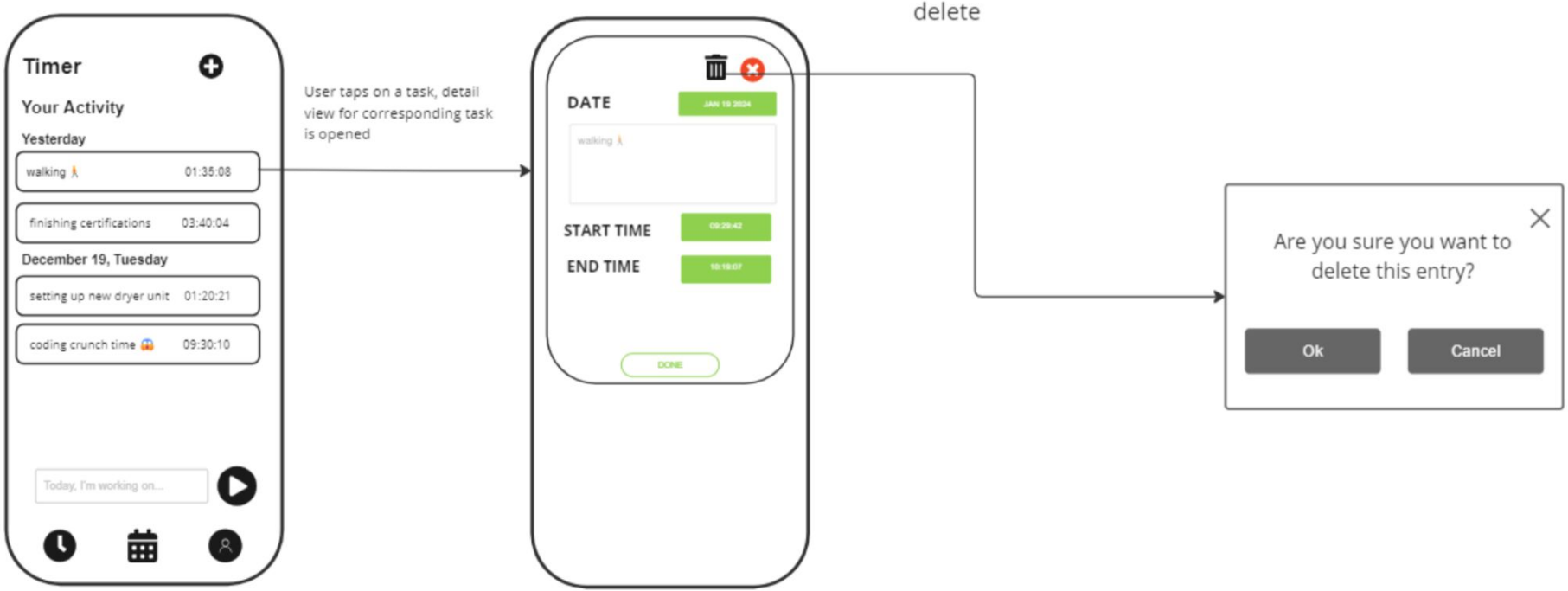
Add Flow


List Screen
Tap to go to Edit/Add Entry Screen
Edit/Add Entry Screen
Timer
Your Activity
Yesterday
walking 🚶 01:35:08
finishing certifications 03:40:04
December 19, Tuesday
setting up new dryer unit 01:20:21
coding crunch time 😱 09:30:10
Today, I'm working on...
List Screen/Timer View (Current Page)
DATE
Today I worked on...
START TIME
END TIME
DONE
This will take you to the date-time picker
Select date
Mon, Aug 17
August 2023
Cancel
OK
Select a date, which will return to the Edit entry screen with an updated date.
Manually must press this to start/ stop the timer, which will take you to the time picker
Select time
07 : 00
AM
PM
Select a time, which will return to the Edit entry screen with an updated date.

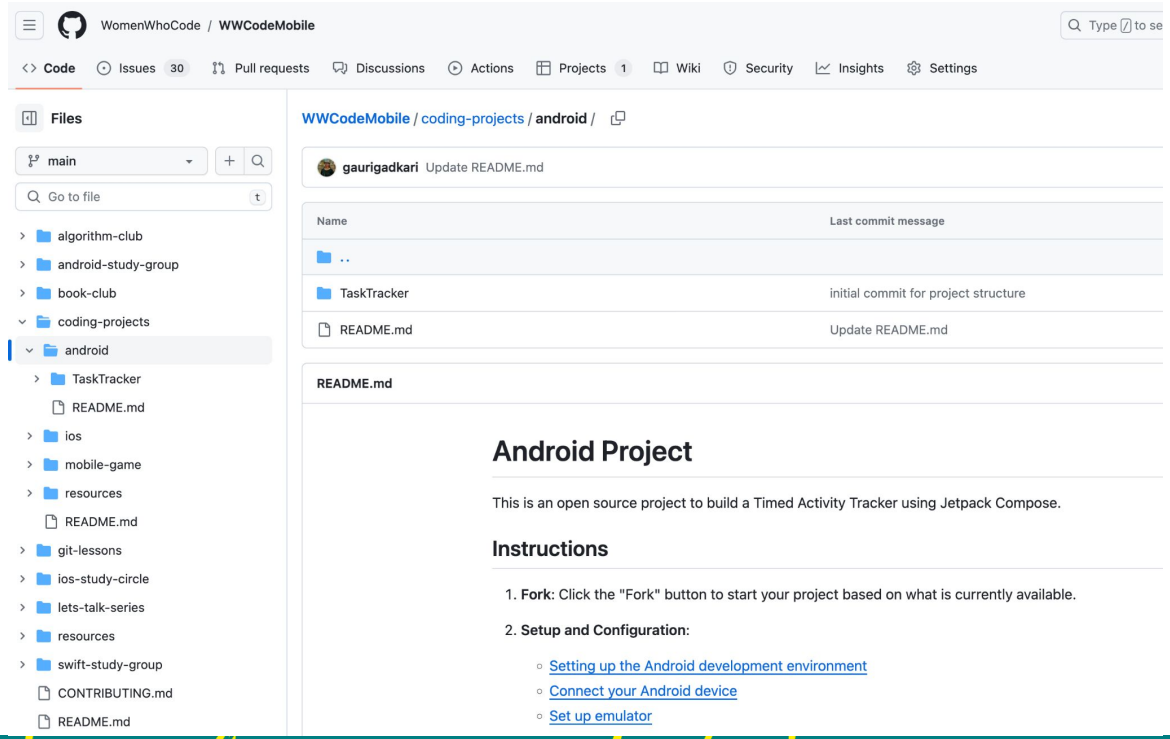
Detail/Edit Flow



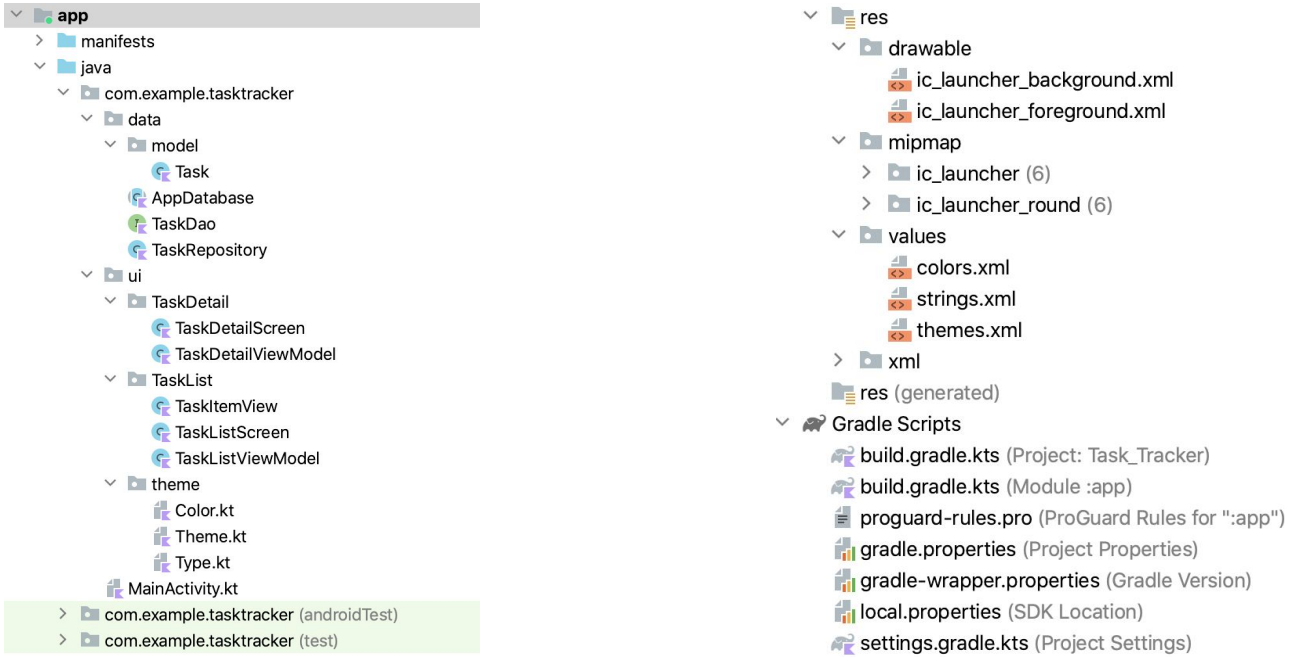
Delete Flow


Timer
Your Activity
Yesterday
walking 01:35:08
finishing certifications 03:40:04
December 19, Tuesday
setting up new dryer unit 01:20:21
coding crunch time 09:30:10
Today, I'm working on...
User taps on a task, detail view for corresponding task is opened
DATE
JAN 19 2024
walking
START TIME
END TIME
DONE
If user clicks on delete
Are you sure you want to delete this entry?
Ok
Cancel

Project Setup on Github



Folder Structure



Open Source Workflow

1. Prepare to Contribute

- Review Contributing Guide
- Find issue to work on
- Comment on GitHub issue tagging the maintainer to claim
- Tag maintainer in #open-source-and-personal-projects in Slack to claim
- Wait for maintainer to assign you the issue before starting work

2. Create Contribution

- Fork repo (make remote copy)
- Clone repo (local copy of remote fork)
- Create & checkout branch
- Save, stage, and commit changes
- Push changes to remote fork branch

Create a draft PR within 3 days to show progress on the issue, OR ask a question within 3 days if you are blocked.

Tag maintainer on PR and in Slack once it is ready for review or if help is needed.

Open Source Workflow

3. Submit Contribution

- Create a pull request to original repo
- Code review by maintainer within 3 days
- Contributor should respond to any changes or questions within 24 hours
- Once initial approval is complete, maintainer will tag another maintainer for second review
- Second maintainer merges pull request once approved
- If no activity on issue within 5 days, issue will be reassigned

More resources available in coding-projects/resources folder in project repo.

Ways You Can Contribute

- Feature coding
- Bug fixes
- Tests
- Documentation
- Creating issues for new features or bugs
- Dependency updates
- Wireframes for new features

If you have other contribution ideas, please create a GitHub issue and discuss with a maintainer. If you would like to work on an existing GitHub issue but it is too large or you need assistance, comment on the issue or reach out on Slack for assistance.

Coding Resources

- A Word: Thinking in Compose

  https://www.youtube.com/watch?v=4zf30a34OOA
- Beginners: Android Basics with Compose:

  https://developer.android.com/courses/android-basics-compose/course
- Intermediate: Jetpack Compose for Android Developers:

  https://developer.android.com/courses/jetpack-compose/course
- Easy Project: Create your First Android App

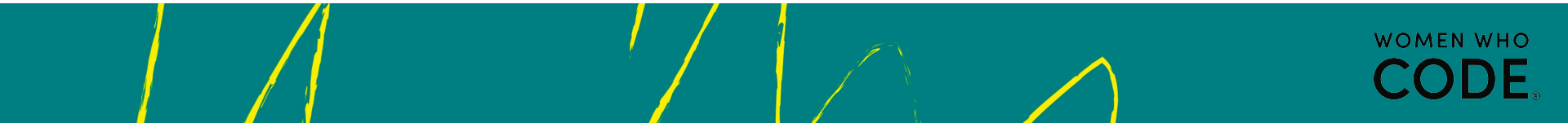
  https://developer.android.com/codelabs/basic-android-kotlin-compose-first-app
- Android Basics In Compose Notes:

  https://github.com/WomenWhoCode/WWCodeMobile/blob/main/android-study-group/jetpack-compose/README.md

Next Month

Status Update Event:
February 27, 2024 at 9 pm ET ✨

🔥Sharing our accomplishments
🔥Updated Wireframes
🔥App demo
🔥Issues + features



Staying in Touch

- Mobile track links: beacons.ai/wwcodemobile
- Monthly project status events over Zoom, sign up: womenwhocode.com/events
- In between project status events:
  - Communicate on Github issues:

    github.com/WomenWhoCode/WWCodeMobile/coding-projects/android
  - Project general discussions:
    - Join Mobile Slack: https://www.womenwhocode.com/join-slack
    - #open-source-and-personal-projects channel

SOUTH PARK
ARE THERE ANY QUESTIONS?