

II Tinder



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Meow | Puli

GO II Tinder

Mentees

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Motivation

Ever wanted to talk to a stranger in campus and got stuck because you don't know where to start?

Ever felt having very few friends who understands you and insync with your interests and thoughts?

Ever wanted to give a shot of getting along with a person from a whole different circle and creating a bond there?

Well Hold on! IITinder is coming for ya!

Communication

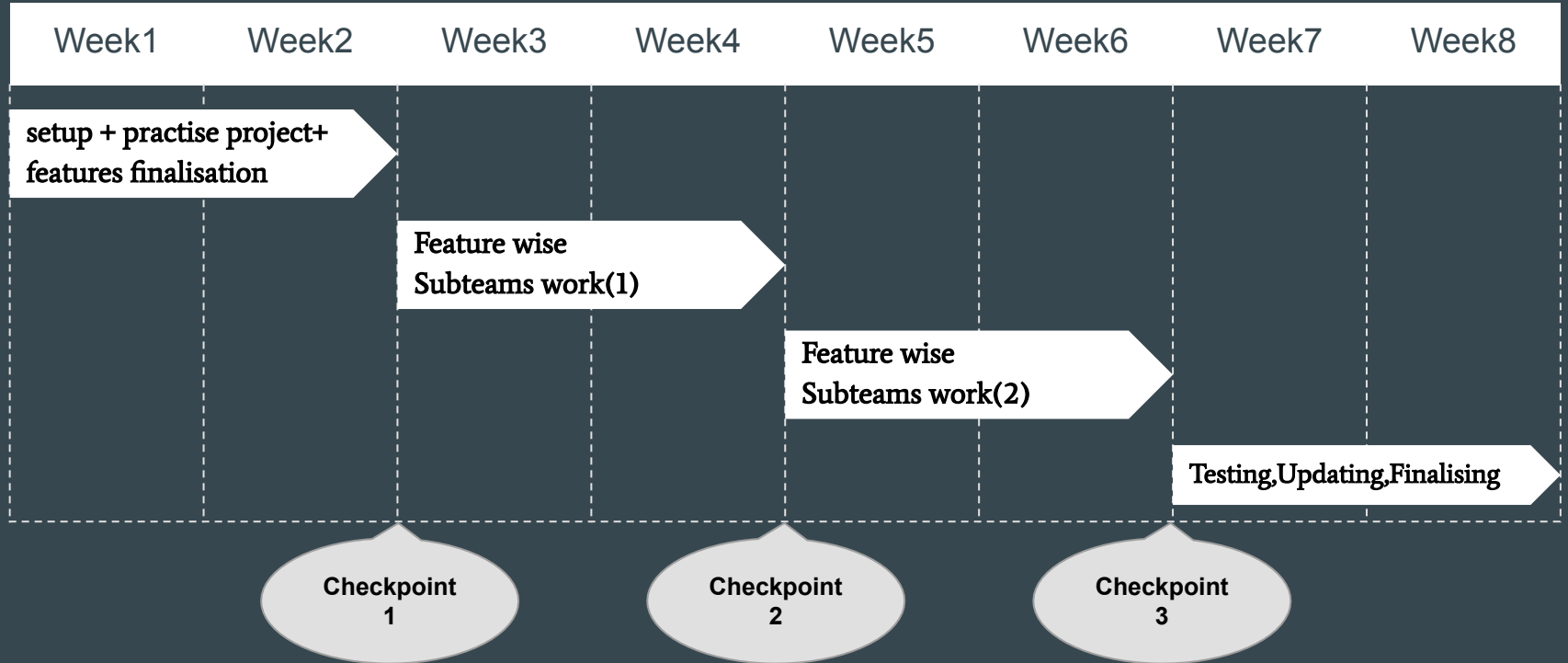
- Whatsapp: Informal
- Slack :
 - #general : General discussions depending on topics; Post useful resources; Announcements
 - #discussions: Discussions on UI or a particular feature etc
 - #doubts: Stuck ? You know well where to go!
 - #ideas: Post your ideas or features you have in mind
 - #algorithm: Ahh you know this; Decide all the algorithm!
 - #work-update : Post your work-update once every 3-days!
 - #memes: Ahh your go-to-go spamming channel! Show us your meme making skills coz why not xD!
- Trello: Sent Invites! You need to comment on a particular card about your progress! The last person to complete the task will push it to relevant tile.
- Meetings: Weekly or Bi-Weekly on mutual consent

Tech Framework

Primarily, we will use Android Studio(JAVA) as it best aligns with the background of most people

For the Backend: We will use Firebase to start with! Let's see how it goes and then we can change it when required!

Timeline



Structure

Q: Do we build it individually or as a team work on one app?

Does it make sense to have 8 IITinder Apps in the institute xD! I want you all to contribute equally and come up with this amazing app!

Q: How are we going to do it then?

For the First phase: You will do it individually.(Of course you need to set up the project individually)

Second phase onwards: You will be divided into groups: Size: maybe 2/4. We will let you know everything in advance! Groups will be formed by us considering different parameters! You do not need to worry on that part!

Remember: Finally we are all a team and the project is ours! We will support each other

Project deliverables

Week 1-2
(Building Basics)

1. Git and Github and Android Studio setup
2. Your First App(very basic example project)
3. Features Finalisation(Set1, Set2)(of IITinder)

Week 3-4
(First main sprint)
(Set1/Basic features)

1. Collaborative Working on allotted feature with grpmate
2. Discussions with mentors and other teammates
3. Learning what other groups did

Week 5-6
(Second main sprint)
(Set2/Complex features)

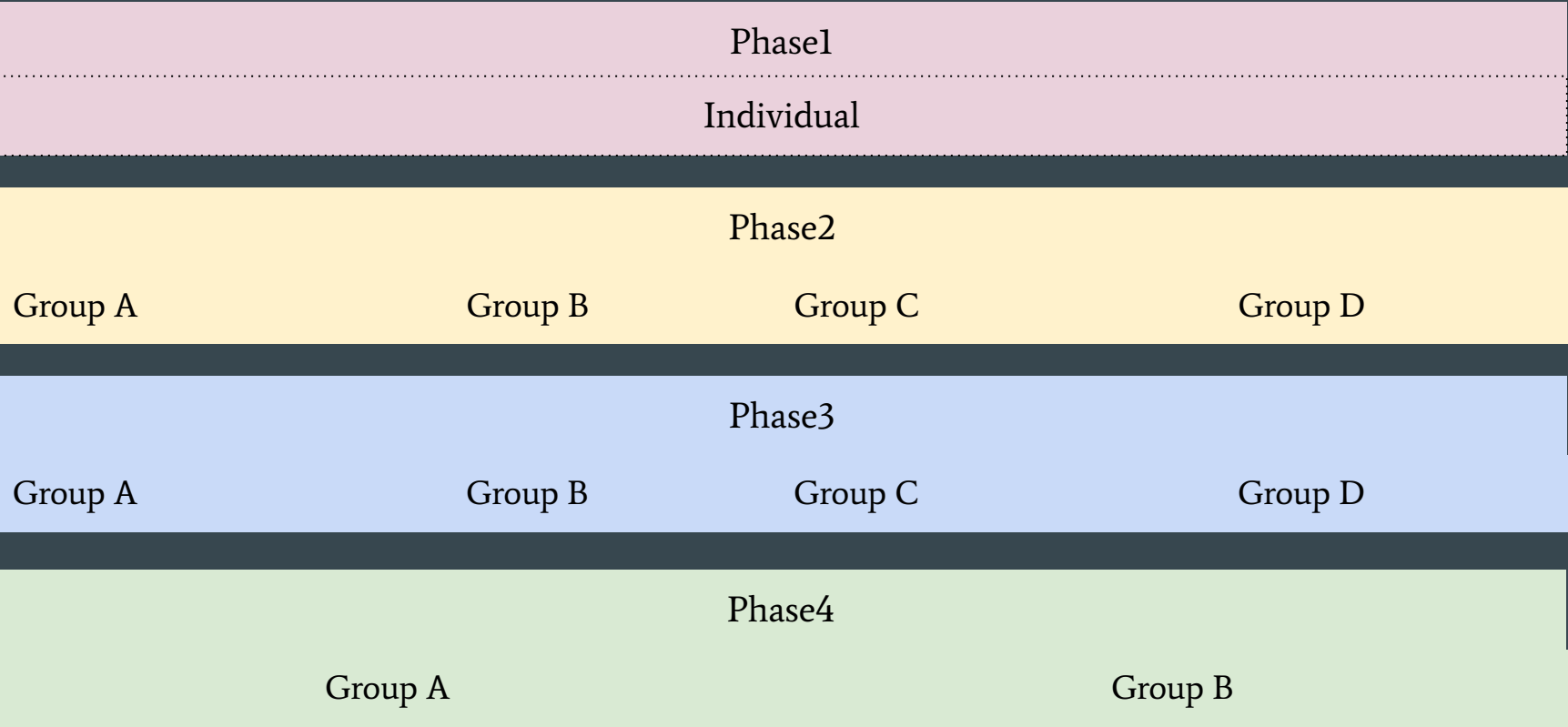
1. Collaborative Working on allotted feature with grpmate
2. Discussions with mentors and other teammates
3. Learning what other groups did

Week 7-8
(Final sprint)

1. Compiling resources and Documentation part
2. Testing, re-allocating to mentees(mentors work)
3. Updating, re-submitting to mentors(mentees work)



Phases and Team Structures



Phase 1:

- Checks!
 - Whatsapp check, Slack check, Trello check
 - Github check, Git check
 - Android studio check
- Build _____ APP on Android Studio from scratch.(since it's 2 week phase)
 - Let us decide it now!
- Features Finalisation
 - Basic features are added in the next slide
 - Will be adding features in next slide while in meet with mentees.

Features:

1. LOGIN/SIGNUP and Connecting to LDAP email IDs
2. Interests picking and profile making and uploading images
3. Efficient “Match-making” Algorithm
4. Chatbox + Audio call + Video call (Reporting and Blocking possibility)
5. Joining rooms
 - a. Public room chat-box
 - b. Course class room/ Netflix room/ Amazon room/ Valorant room/ Window shopping room etc
6. 3rd party connections(links as suggesting messages) in Chatbox
 - a. (netflix party/ Ludo game/ Instagram/ Whatsapp/ FB)
7. Online team games(random pairing)(optional)

Some Good Coding Teeps and Tricks!!

1.) Do not know how to approach a problem/feature/bug/error

- Google (Know the right keywords!!!)
- StackOverflow
- Youtube
- Official Documentation
- Github Issues
- Articles on Medium/stacktech/etc..

2.) Document everything that you work on as far as possible. Easier to retrace it & will be used for monitoring

3.) Name your variables properly! Use either camelCase or snake_case. Pick up one and stick to that! You will have to assign ids to various elements: make sure they are meaningful and you follow the same format!

4.) Your Git commit message should be brief but detailed enough to explain your code changes. Also, Always git pull before starting to work and commit your work regularly!

5.) Always declare dimensions, colors, styles, strings in proper files!
Avoid using boilerplate codes!
Those working on XML, regularly run and check your code in different devices!

6.) Always make proper folders: Eg: Main Activities in one folder, sub activities in following folder! Fragments and Adapters in separate folders