

Nation Code

Intro to Assignment 3,33

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Unit 3 – Using Collaborative Technologies

Unit 33 – Developing mobile apps

1. Write a report or presentation on native and cross-platform apps

- **Research what native and cross-platform apps are**
- **What are the benefits of cross-platform app development vs native?**
- **This will not be presented to the class, but submitted as part of your coursework**

2. Research and plan a coffee shop app



- Research what features are desired, expected and required
- Set team roles and use collaborative tools
- Concentrate on UX and UI, how the user will use the app and how it looks
- Plan your app – how exactly will it look, what content will be on each page, what is the flow of the app?

3. Make your coffee shop app



- **Learn basics of Xcode storyboard**
- **Design app UI according to your plan**
- **Do user testing and implement any changes**

4. Create a group presentation reflecting on the project

- **Discuss how you researched, planned and built the app, including individual team member roles and responsibilities, what went well, what you would do differently next time.**
- **Conclusion from your native vs cross-platform report – which would you prefer for this project and why?**
- **This will be presented to the class as a group.**



Plan for today



You are a team of **technical consultants**.

You've been asked to research **native and cross-platform app development** and compile all your findings in a **presentation or report**.



1. Write a report or presentation on native and cross-platform apps

- **Make a plan in your teams**
- **Divide research roles and compile a shared document**
- **Set up a Slack channel**
- **Include references to any articles or sources you use**

Why would a developer choose to make a native app?

If they did, how would they choose which platform?

Why would a developer choose to make a cross-platform app?

- **Can you find any examples and include specific references or screenshots?**
- **What are the pros and cons for each?**

1. Write a report or presentation on native and cross-platform apps



Teamwork



Divide roles fairly between team members

Conduct regular stand-ups to catch up with everyone's progress

Questions?