PLUGIN TALENTS

BANQUE MISR

Android Track
Communication Plan

Your Guide to learning journey

1 Full Program Schedule

2 Opening Day Agenda

3 **Learning Journey& Program Modules**

4 Be Ready

5 Training Meeting ID

6 Intern Program Team

Schedule
Training & Mentoring

PLUGIN TALENTS

Description	Date	Time	Venue
Opening Day 1	17 July 2023	9:00 AM To 3:00 PM	(Onsite)
Opening Day 2	18 July 2023	12:00 To 7:00 PM	(virtual)
Training & Mentoring	First 3 Weeks From 19 July 2023 To 9 Aug 2023	From 9:00 To 1:00 PM	Virtual Learning
		From 1:00 To 2:00 PM	Break
		From 2:00 To 4:00 PM	Virtual Mentoring
Training & Mentoring	Second 3 Weeks From 10 Aug 2023 To 30 Aug 2023	From 9:00 To 11:30 AM	Virtual Learning
		From 11:30 To 12:30 PM	Break
		From 12:30 To 4:00 PM	Virtual Mentoring
Onsite Mentoring Every Week	Tuesdays	2:00 To 4:00 PM	onsite
Touch Point	Monday	3:40 To 4:00 PM	Virtual
Panel discussion	TBD	TBD	Virtual
Closing day	TBD	Full Day	Onsite

Addresses & Locations

Day	Building Name	Location
Opening Day	Polyom building	https://maps.app.goo.gl/Ef5xUbgS98iZg3wP7?g_st=iw
Onsite Days	Digital Factory	https://maps.app.goo.gl/C1Qm7RBw6q7yEbep9?g_st=iw

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What to expect on opening day

1. Be On Time 9.00 Am
2. Dress Code : Smart Casual
3. Deliver your papers
4. Sign all internship documents
5. Starting our program orientation
6. We will send a file with mentors for each group

Internship Opening Day 1 – (17 July Onsite)

PLUGIN TALENTS

Time		Topic Name	Objective/Outlines	Speaker	Role
From	**To**				
9:00 AM	10:00 AM	Registration			
10:00 AM	10:15 AM	Keynote Speech	Welcoming the attendees	Ahmed El Daour	People & CB Lead
10:15 AM	10:30 AM	HR Orientation	1- Attendance policy 2- Work environment 3- Communication channels 4- Evaluation	Salma Abo Elkhair	Capability Building Account Manager
10:30 AM	11:00 AM	Digital Factory Success Story	1- Identify what is the Digital Factory 2- DF Structure, Tribes, Squads & Cross functionals role 3- DF Products	Bahaa Farouk	Head of Engineering
11:00 AM	11:15 AM	Branch Transformation Success Story	1- Identify what is the Branch Transformation 2- BT Structure, Squads & Cross functionals role 3- BT Products	Mohamed Nazmy	Product Owner
11:15 AM	11:45 AM	Break			
11:45 AM	12:00 PM	Why Transformation Office is essential for Banque Misr	1- Digital transformation structure 2- What is the Transformation Office ? 3- How TO support DT & DF Vision and Mission	Nermeen Edress - 16 July Noura Said - 17 July Ahmed sherif - 18 July	Agile Coach Rollout Coordinator Digital Fulfillment Lead
12:00 PM	12:30 PM	Data Science	Data science	Amany Elsayed Asmaa Elanany Hoyam Nabil	Senior Data Science Data Science Specialist Data Science Specialist
12:30 PM	1:00 PM	Plugin Talents Talk	1- Plugin Talents History 2- What the intern will learn 3- Mentoring and Coaching activities & plan 4- attendance plan	Plugin Talents	Plugin Talents
1:00 PM	1:30 PM	Break			
1:30 PM	2:30 PM	Agile Fundamentals	Agile Fundamentals	Marwa Fouda Hossam Hassan Samar Samy	Senior Scrum Master
2:30 PM	3:00 PM	Group Photo			

Internship Opening Day 2 – (18 July Virtual)

PLUGIN TALENTS

Time		Topic Name	Objective/Outlines	Speaker	Role
From	To				
12:00 PM	1:00 PM	Design Thinking	Design Thinking	Ahmed Samir	Design Lead
3:00 PM	4:00 PM	HR Session	1-How to create a professional CV 2-The HR interview common mistakes	Asmaa Ali	Digital HR Specialist
5:00 PM	7:00 PM	Introduction to Banking	Products & Services	Mohamed Mahfouz	Product Manager - Cash Loan

Group Links	
Name Of Topic	**Link**
Design Thinking	Click here to join the meeting
HR Session	Click here to join the meeting
Introduction to Banking	Click here to join the meeting

Program Modules

Introduction to App Development and SCRUM: (3.5 hours) • Android App development Intro • Difference between Native and Cross-Platform • Used tools for development (IDE, Emulator….) • Development cycle and Cooperation with other teams • Software Methodologies • Git version Control	19 July
Kotlin Basics (3.5 hours) • Basics about Kotlin Programming Languange • Going through Kotlin fundamentals (Classes, Variables…….) • Kotlin Functions and quick wins	20 July
Kotlin for Android development (3.5 hours) • Quick OOP recap • Using OOP and use Android classes to get your app • Discussion about SOLID and how we can make use of it in the app	23 July

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Android Studio Project structure (3.5 hours)
• Propject Hierarchy (Main components of any project)
    ➤ AndroidManifest.xml, Permissions
    ➤ Resources & R.java
    ➤ Drawable Resources
• Gradle Dependency
• Dealing with emulator and debugging tools
	24 July

Activity, Fragment (3.5 hours) • Activity Lifecycle • Fragment vs Activity • Themes, Styles	25 July
Android UI 01 (3.5 hours) • Basic UI concepts XML (in brief) • Fundamental Concepts of Compose • Understanding preview (config)	26 July

Android UI 02 (3.5 hours) • Basic compose components • Core UI elements of Compose • Row, column, Box	27 July
Android UI 03 (3.5 hours) • Nesting Row with columns • Dynamic Content Concept • State management in Compose	30 July
UI Interaction (3.5 hours) • Handling Interactions and Clicks • State management in Compose • Creating a Profile Card layout	31 July

Interactive UI Components (3.5 hours) • Time and Date • Dialogs • Toast • SnackBar	1 Aug
Dynamic lists (3.5 hours) • LazyColumn and LazyRow	2 Aug
Navigation 01 (3.5 hours) • Navigation in Compose • Screens Stack Management • Sending Arguments	3 Aug
UI Decorations • Scaffold • Bottom Navigation (Bar) • AppBar	6 Aug

Navigation 02 (Activities) (3.5 hours)
• Intent different types
    ➢ Implicit
    ➢ Explicit
• Handling Results from Actions or Activities
• Navigation Component (quick hint)
	7 Aug

Local Database and Preference (3.5 hours) • Shared Preference • SQLite basics • DQL, DML recap	8 Aug
Room DB (4 hours) • Intoruction to Room Database • Practoce on Room with Dynamic Lists	9 & 10 Aug
Broadcast Receivers and Notifications (2 Hours) • BroadcastReciever • Notifications	13 Aug

Android Archticture (4 hours) • MVVM (with a quick comparison with other approaches) • Introducing LiveData (brief) • Introducing Flows	14 & 15 Aug
Concurrency (4 hours) • Threads concept and background operations • AsyncTask ➢ discussion about how it works and why it is deprecated	16 & 17 Aug
API calls (4 hours) • Dealing with HttpUrlReques • Manual Json Parsing • Introducing Retrofit	20 & 21 Aug
Unit Testing (2 Hours) • Introduction about testing • Writing isolation tests • Test Coverage	22 Aug

Recap & Project	From 23 August To 29 August

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Be Ready

Join the Training from Isolated area to focus

Prepare your Laptop, Headset, Note and Pen

Open camera during the session

Join 15 minutes before the Session

Participate, Engage and ask questions

Join from Laptop or PC not Mobile or tablet

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Meeting ID

Download MS Teams Desk from The below link:

[Download Microsoft Teams Desktop and Mobile Apps | Microsoft Teams](#)

Join the meeting through the link below:

[https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZWI3OThkN2YtOTQ3My00YjRlLWI3M2ItMjI3ZTQ4N2VkNTlh%40thread.v2/0?context=%7b%22Tid%22%3a%22e63c0ea3-de3a-46db-a6f0-bfa2eaa0be2c%22%2c%22Oid%22%3a%222d983986-5932-4784-991f-d306c679f369%22%7d](#)

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Intern Program Team

Name	Title	Mobil Number	Responsible
Ahmed nasser	Virtual Training Coordinator	01150527111	Online Attendance & Coordination
Ahmed Waleed	Onsite Coordinator	01281008971	Onsite Attendance
Esraa Nasif	Project Coordinator	01025016488	Report to in case you cannot reach onsite or virtual coordinator
Shimaa Abdellatif	Project Manager	01094737131	Report to in case you cannot reach Project Coordinator
Salma AboElkhair	Capability Building Account Manager	01285010655	Report to in case any of inquires are not answered by team

Contact Us

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