

Topics to be covered in Android Workshop

Android Components

- Activities
- Services
- Broadcast Receivers
- Content Provider

Hello World App

- Creating your first project
- The manifest file
- Layout resource
- Running your app on Emulator

Building UI with Activities

- Activities
- Views, layouts and Common UI components
- Creating UI through XML
- Activity lifecycle

Notifications

- Toast
- Dialogs
- Status bar Notifications

Resources and Assets

- Android Resource
- Using resources in XML and code

Intent and Intent Filters(If time permits)

- Role of filters
- Intent-matching rules
- Filters in your manifest

Services

- Overview of services in Android
- Service lifecycle

Sensors

- Using Proximity sensors
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Android Application Deployment

- Android Application Deployment on device with Linux and Windows
- Android Application Deployment on Google Play Store

If time permits we will implement a simplified version of Wave2Wake app. Ypu can check it out on Google Play Store at <https://play.google.com/store/apps/details?id=com.inorexstudio.wave2wake>

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