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| **Course: Engineering Notebook - Daily** | |
| **Engineer: N Krishna Meherwan** | **Date:** 3/16/2019 |

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| **Notes: (Record key insights from videos, web pages, readings, discussions, experiments, and project tasks.)** |

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| **Activity: Intent and types of intent.** | **Start: 9.30AM** | **Stop: 11.30AM** |
| Intent is a simple message object that is used to communicate between android components such as activities, content providers, broadcast receivers and services. Intents are also used to transfer data between activities.  The different types of intent are :  1. Implicit Intent.  2. Explicit Intent. | | |

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| **Activity: Uses of intent.** | **Start: 11.30AM** | **Stop: 12.30PM** |
| 1. For Launching an Activity. 2. To start a New Service. 3. For Broadcasting Messages. 4. To Display a list of contacts in ListView. | | |

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| **Activity: Life cycle preferences and data persistence.** | **Start: 2.30PM** | **Stop: 4.30PM** |
| .  List preferences- A Preference that displays a list of entries as a dialog. This preference will store a string into the SharedPreferences.  Content provider- A content provider manages access to a central repository of data. A provider is part of an Android application, which often provides its own UI for working with the data. However, content providers are primarily intended to be used by other applications, which access the provider using a provider client object. Projection selection, selection args, sort order  Content resolver:- ContentResolver object and Content Provider handle inter-process communication. For ex-To get the list of words from user dictionary, we use the ContentResolver.query() method which calls the query()method defined by the User Dictionary provider. There are multiple pieces to the CursorLoader API.  A CursorLoader is a specialized member of Android’s loader framework specifically designed to handle cursors. | | |

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| **Deliverable Status** |
| **Deliverables : Module link of the github** |
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