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| **Course: Engineering Notebook - Daily** | |
| **Engineer: J Prasanth Kumar** | **Date:** 15/03/2019 |

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

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| **Activity: Room & Lifecycle Owner** | **Start: 9-45 AM** | **Stop: 11-30 AM** |
| Room is a persistence library, part of the Android Architecture Components. It makes it easier to work with SQLite Database objects in your app. And lifecycle observer is a class that has an Android lifecycle. These events can be used by custom components to handle lifecycle changes without implementing any code inside the Activity or the Fragment. Based on the given to do list completed the remaining exercises and submitted the git link. | | |

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| **Activity: Lifecycle Observer** | **Start: 11-30 AM** | **Stop: 12-30 AM** |
| Marks a class as a LifecycleObserver. It does not have any methods, instead, relies on OnLifecycleEvent annotated methods. Based on the given to do list completed the remaining exercises and submitted the git link. | | |

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| **Activity: Services & Loaders** | **Start: 2-30 PM** | **Stop: 4-30 PM** |
| A Service is an application component that can perform long-running operations in the background, and it doesn't provide a user interface. Another application component can start a service, and it continues to run in the background even if the user switches to another application. Loaders are tied to Activity lifecycle. It is easy to make UI changes and communicate with activity. Based on the given to do list completed the remaining exercises and submitted the git link. | | |

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| **Activity: Intent Service & Notifications** | **Start: 4-30 PM** | **Stop: 8-30 PM** |
| IntentService is a base class for Services that handle asynchronous requests (expressed as Intents) on demand. A notification is a message that Android displays outside your app's UI to provide the user with reminders, communication from other people, or other timely information from your app. Based on the given to do list completed the remaining exercises and submitted the git link. | | |