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| **Course: Engineering Notebook - Daily** | |
| **Engineer: N Krishna Meherwan** | **Date:** 3/14/2019 |

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

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| **Activity1- Activity10** | **Start: 9.00AM** | **Stop: 10.50AM** |
| Here we have connected our application with internet. In this activity how we have to effectively interact with scrolling list of information by recycler view. Here we use recycler view to have list of most similar items which we use in the final project. So by this we can have different font’s text size for the application. So by going more into recycler view how it basically works is that when gmail consists of millions of messages it automatically use recycler view to reduce it. Here in the sunshine application we use queue to regenerate the previously old list of items rather than a scroll view .Recycler view is used in fast moving process and animations. Recycler view is provided with adapter to provide new views needed this adapter will bind the data from the data source. By viewholder the adapter information is passed through recycler view. Then layout manager connects to recycler view to have different views. It is necessary to have view holders because to highlight the object | | |

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| **Activity11- Activity18** | **Start: 11.00AM** | **Stop: 12.00PM** |
| In the recycler view adapter class we have created adapter class. Here our application needs to display a scrolling list of elements based on large data sets or data that frequently changes we should recycler view. Here several different components work together to display the data. This model will helps to give lots of optimization while considering other process. | | |

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| **Group Discussion** | **Start: 12.00PM** | **Stop: 12.30PM** |
| The group discussion was about the android architecture and we have discussed all the levels involved in the hierarchy. Then also discussed about the usage of Linux in the android platform. | | |

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| **Activity19- Activity30** | **Start: 2.30PM** | **Stop: 3.30PM** |
| A view holder describes an item view. Adapters should feel free to use their own custom ViewHolder implementations to store data that makes binding view contents easier. Adapter is called by the recycler view to create new items. It also populates the items with data and returns information from the data source. In the data source there are array objects. OnCreateViewHolder is used to create the views by inflating the item views from XML or creating them in code. | | |

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| **Activity30- Activity36** | **Start: 3.30PM** | **Stop: 4.15PM** |
| When we need to move from one activity to another activity, instead of directly calling it, android facilitates communication using messaging objects called as intents. It performs creating a new activity, pick or display photo or making a phone call. There are two types on intents known as implicit intent and explicit intent. | | |

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