**Class Diagrams**

1. **MainActivity.java**

|  |  |
| --- | --- |
| Identification | MainActivity.java |
| Type | This is the main class containing action-listener control for all subsequent classes and managing their activities. |
| Purpose | First function and every time to go to the next module, control passes from this class. |
| Function | Contains information for button click events and actions to be executed. |
| Subordinates | Contains oncreate() function containing action listeners and response for every button click/swipe. |
| Dependencies | Control passes from this function. |
| Interfaces | Oncreate() function contains instructions and cases for executing different activities for getting to the next module and for error handling on an incorrect event. |
| Resources | NA |
| Processing | Discussed in dependencies. |
| Data | There is no data management connected with this class. |

1. **Fb.java**

|  |  |
| --- | --- |
| Identification | Fb.java |
| Type | This class contains information to the Facebook module for the app |
| Purpose | Facebook fragment description |
| Function | Contains information for button click events and actions to be executed. |
| Subordinates | Contains oncreate() function containing action listeners and response for every button click/swipe. |
| Dependencies | Is dependent on activity\_fb.xml, content\_fb.xml for layout description. |
| Interfaces | Oncreate() function   * contains information for the layout (contained in activity\_fb.xml) and action-listener for getting back to main menu and navigation bar control. |
| Resources | NA |
| Processing | Discussed in dependencies. |
| Data | There is no data management connected with this class. |

1. **Insta.java**

|  |  |
| --- | --- |
| Identification | Insta.java |
| Type | This class contains information to the Instagram module for the app |
| Purpose | Instagram fragment description |
| Function | Contains information for button click events and actions to be executed. |
| Subordinates | Contains oncreate() function containing action listeners and response for every button click/swipe. |
| Dependencies | Is dependent on activity\_insta.xml, content\_insta.xml for layout description. |
| Interfaces | Oncreate() function   * contains information for the layout (contained in activity\_insta.xml) and action-listener for getting back to main menu and navigation bar control. |
| Resources | NA |
| Processing | Discussed in dependencies. |
| Data | There is no data management connected with this class. |

1. **twit.java**

|  |  |
| --- | --- |
| Identification | twit.java |
| Type | This class contains information to the Twitter module for the app |
| Purpose | Twitter fragment description |
| Function | Contains information for button click events and actions to be executed. |
| Subordinates | Contains oncreate() function containing action listeners and response for every button click/swipe. |
| Dependencies | Is dependent on activity\_twit.xml, content\_twit.xml for layout description. |
| Interfaces | Oncreate() function   * contains information for the layout (contained in activity\_twit.xml) and action-listener for getting back to main menu and navigation bar control. |
| Resources | NA |
| Processing | Discussed in dependencies. |
| Data | There is no data management connected with this class. |

1. **Snap.java**

|  |  |
| --- | --- |
| Identification | snap.java |
| Type | This class contains information to the Snapchat module for the app |
| Purpose | Snapchat fragment description |
| Function | Contains information for button click events and actions to be executed. |
| Subordinates | Contains oncreate() function containing action listeners and response for every button click/swipe. |
| Dependencies | Is dependent on activity\_snap.xml, content\_snap.xml for layout description. |
| Interfaces | Oncreate() function   * contains information for the layout (contained in activity\_snap.xml) and action-listener for getting back to main menu and navigation bar control. |
| Resources | NA |
| Processing | Discussed in dependencies. |
| Data | There is no data management connected with this class. |

1. **ContactUs.java**

|  |  |
| --- | --- |
| Identification | contact\_us.java |
| Type | This class contains information to the Contact us module for the app |
| Purpose | Contact Us module to accept responses from the user. |
| Function | Accepts responses in a form from the user with email address and Details. |
| Subordinates | Interacts with database to get save response to database |
| Dependencies | Dependent on an internet connection to accept response else, display error message. |
| Interfaces | -will contain form fill function to accept response- |
| Resources | NA |
| Processing | Discussed in dependencies. |
| Data | Data will be managed by MySQL database. |