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| OVERLOADED METHODS | USED FOR userEngagement method in all three concrete classes of user(facebook, Instagram and youtube) |
| OVERLOADED CONSTRUCTORS | USED in all three concrete classes of user(facebook, Instagram and youtube) |
| VARARG OVERLOADING | USED IN REPORT CLASS, FOR GeneratePdfData METHODS |
| NESTED CLASSES | NOT USED |
| ABSTRACT CLASS | USER CLASS |
| INTERFACE | IREPORT INTERFACE |
| HIERARCHICAL INHERITANCE | USED BY FACEBOOK,INSTAGRAM, AND YOUTUBE TO INHERIT FROM USER CLASS |
| MULTIPLE INHERITANCE | NOT USED |
| WRAPPERS | NOT USED |
| PACKAGE | THERE ARE 4 PACKAGES USER,BAR,PIE AND AUTHENTICATION APART FROM THE DEFAULT PACKAGE |
| EXCEPTION HANDLING | USED DURING USER AUTHENTICATION |
| I/O:FILE HANDLING | USED BY THE REPORT CLASS |
| I/O:SCANNER | USED IN THE MAIN CLASS(SOCIALMEDIAANALYTICS) FOR USER AUTHENTICATION AND OBTAINING THE UNIQUEID OF THE USER |

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| MULTI THREADING | NOT USED |