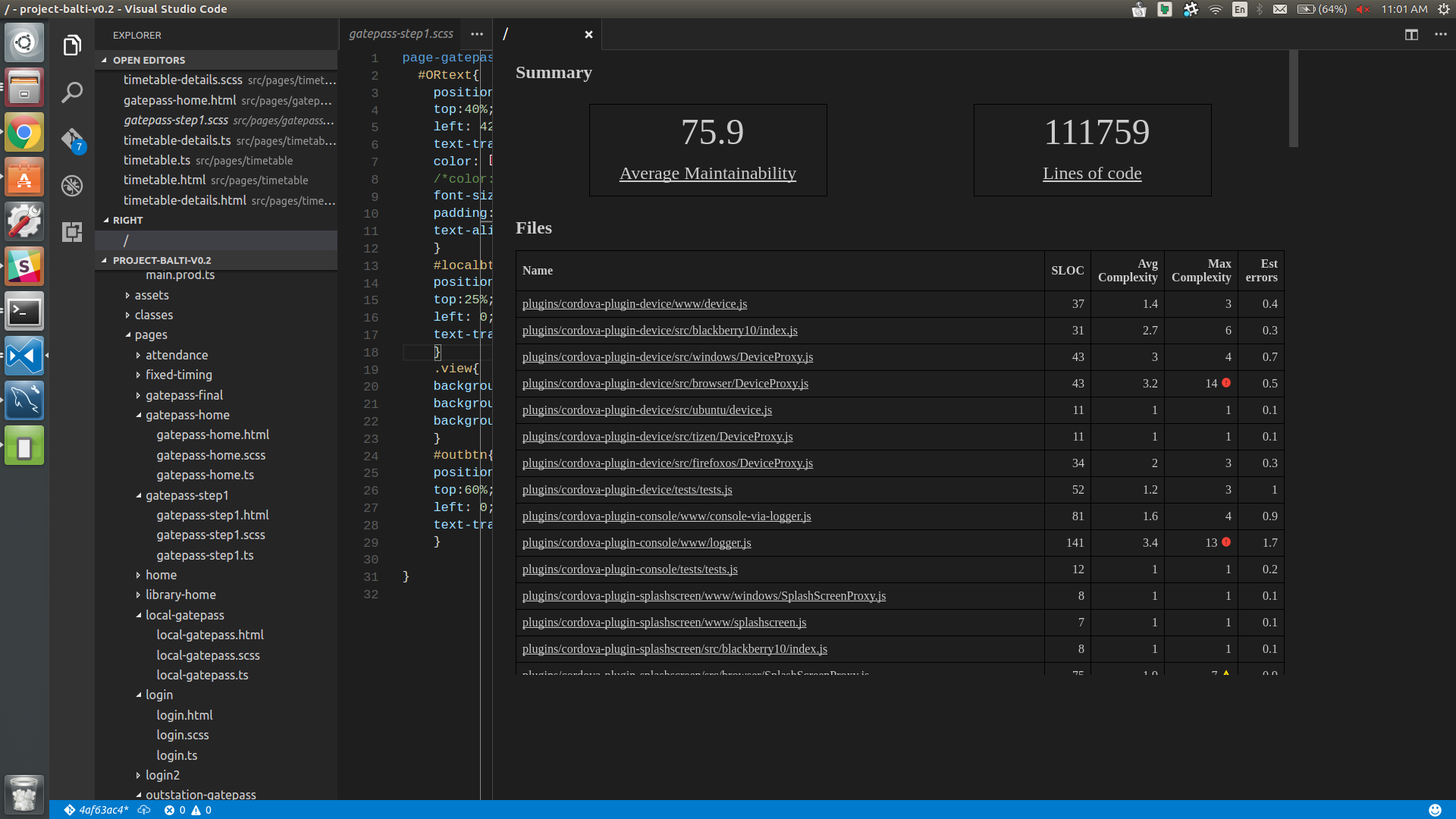
**OOP Metrics**

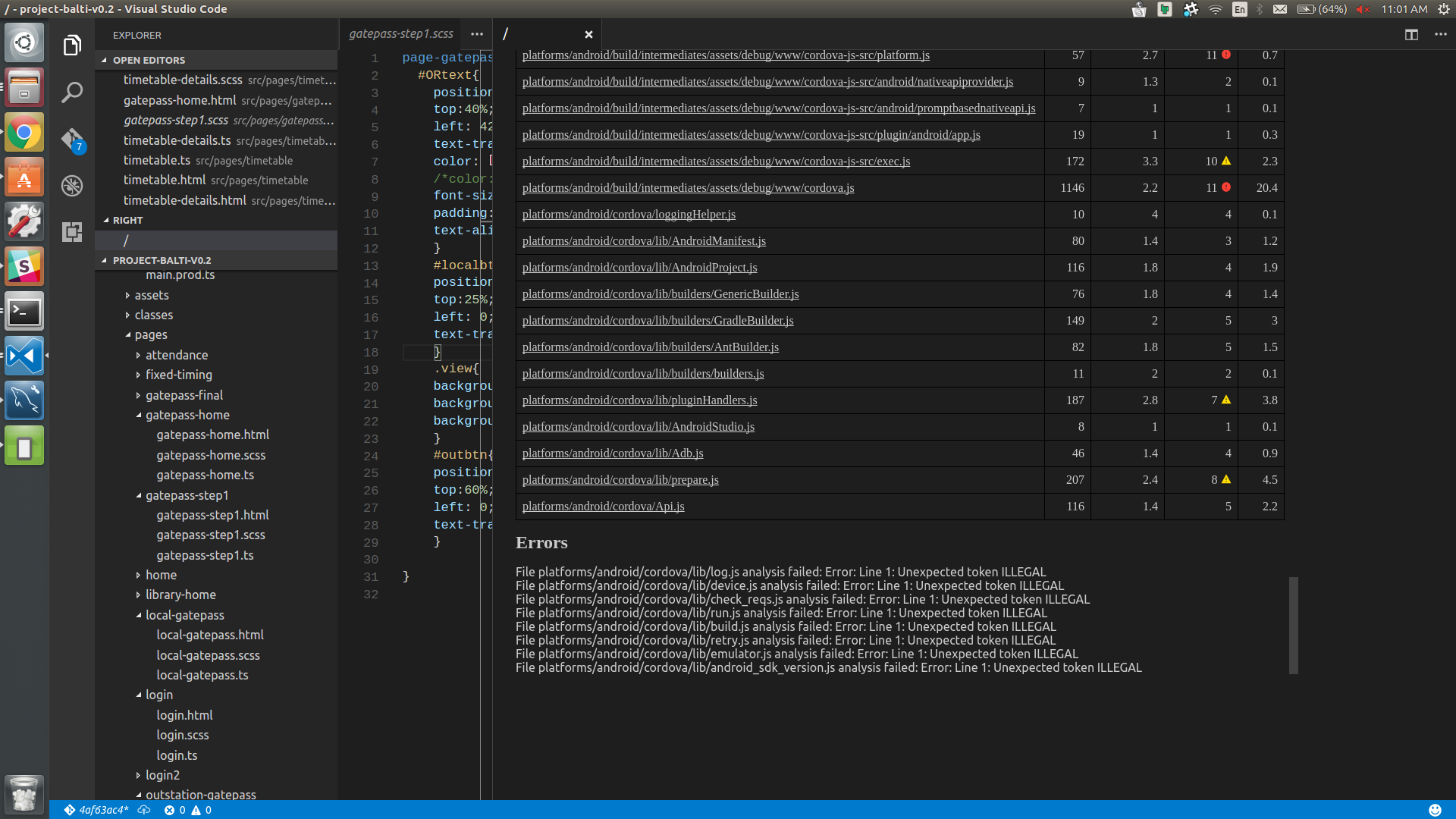
***Following Table contains Analysis about What we did* :**

|  |  |  |
| --- | --- | --- |
| **FOLDER** | **LINE OF CODE** | **COMPLEXITY** |
| **CLASSES > gatepass.ts** | **28** | **N/A** |
| **CLASSES>gatepass-pre-apply.ts** | **13** | **N/A** |
| **CLASSES>student.ts** | **21** | **N/A** |
| **PAGES>attendance.ts** | **48** | **4.5** |
| **PAGES>fixed-timing.ts** | **37** | **6** |
| **PAGES>gatepass-final.ts** | **50** | **6** |
| **PAGES>gatepass-home.ts** | **71** | **6** |
| **PAGES>gatepass-step1.ts** | **59** | **4** |
| **PAGES>home.ts** | **16** | **4** |
| **PAGES>library-home.ts** | **31** | **4** |
| **PAGES>local-gatepass.ts** | **60** | **7** |
| **PAGES>login.ts** | **63** | **5** |
| **PAGES>login2.ts** | **57** | **4** |
| **PAGES>outstation-gatepass.ts** | **46** | **5** |
| **PAGES>timetable.ts** | **77** | **5.5** |
| **PAGES>timetable-details.ts** | **34** | **4** |
| **PAGES>variable-timing.ts** | **47** | **5** |
| **PROVIDERS>gatepass-service.ts** | **164** | **7** |
| **PROVIDERS>user-service.ts** | **47** | **4** |
| **\*.SCSS** | **468** | **N/A** |
| **\*.HTML** | **491** | **N/A** |
|  | **Total lines of code:1928** | **Avg complexity:76/21 = 3.619** |

|  |  |
| --- | --- |
| **METRIC** | **Value obtained** |
| Coupling Factor | Moderate |
| LOC Methods | High |
| AHF (Attribute INheritence) | High |
| MHF (Method Inheritence) | Low |
| DIT (Depth Inheritence) | Moderate |
| NOC (no. of childeren) | Moderate |
| WMC (weighted method/class) | High |
| Number of classes | High |
| Lines of code | High |

*VS CODE Automated Analysis :*

******

******