**Classes**

**Engine**

Node - Interface that represents a file(either directory or a file item)

Blob - represents a Blob in the system, implements Node

NodeInformation - stores the information regarding one Node

Folder - represents a Folder in the system, implements Node

Commit - represents a Commit in the system

Branch - represents a Branch in the system

Head - represents the Head in the system

Repository - represents an entire Repository in the system

RepositoryManager - stores the management logic of the M.A.Git system

XMLFetcher - stores the process and logic of validating and fetching of XML file

Utilz - stores helpful static methods for the entire project

**UI**

AppWindowComponent – Main javafx window

Sub Windows – Clone Component , CommitChangeComponent, ConflictComponent, FetchLocalRepository, NewBranchComponent, NewRepositoryComponent, TreeNodeComponent, UserNameComponent, XMLRepositoryComponent

**Bonuses**

Skin change (Bonus n.2)

Context menu (Bonus n.3)

Highlight of relevant branches in the tree on click (Bonus n.6)