**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**

Program - stores the main method

UI - stores the UI interaction with the user

**Bonuses**

Creation of a new local repository (Bonus number 1)

Change of the commit pointed by the head branch (Bonus number 2)

Instant checkout after creation of a new branch (Bonus number 3)

Support change of file's names/change path of file/files duplication and so on (Bonus number 4)