Selenium - Python Project:

**Components:**

Package1: Base Package

Package2: Pages

Package3: Screenshots

Package4: Utilities

Package5: tests

**Files:**

Package1: Base Package:

* Selenium\_library with generic APIs

Package2: Pages:

Pages with element IDs

Package3 : Screenshots

Failed screenshots will be saved under this folder

Package4: Utilities

Custom\_logger : Customized function where we will set the log level and define the format of the log file using File Handler and Set Formatter methods

**List of generic APIs:**

# 1. launch\_url  
# 2. verify\_title  
# 3. get\_by\_type  
# 4. get\_element  
# 5. enter\_text  
# 6. wait\_for\_element  
# 7. element\_click  
# 8. is\_element\_present  
# 9. element\_clear  
#10. is\_element\_displayed  
#11. is\_element\_enabled  
#12. scroll\_browser  
#13. select\_from\_list  
#14. get\_elements  
#15. verify\_text\_contains  
#16. verify\_text\_match  
#17. verify\_list\_match  
#18. verify\_data\_exists\_in\_list