# Project Manager

Project (super class)-

Functions –

* Print
* Make progress
* View Task
* Add Task
* Complete Task
* Add file
* browse files
* Remove file

Global Variable –

* Name (String)
* Start-date (date)
* Time-spent (Int)
* Files (list)
* Task (list)
* Status (double)
* Material-Req(list)

Personal\_Project (sub\_Project) –

Functions –

* Acquire material
* Add peer
* View peer

Global Variable –

* Peers(array)
* Cost (double)
* Budget (double)
* Material-Acquired(list)

Industry\_Project (sub\_Project) –

Functions –

* View-client
* Add\_expense
* View\_profit
* View\_timeline

Global Variables –

* Worth
* Expenses
* Client\_Name
* Client\_Contact
* Deadline

Academic\_Project (sub\_Project) –

Functions –

* Cite-source

Global Variables –

* Due Date
* Parameter (list)
* Mentor (String)
* Sponsors
* Funds

PFile\_IO (Super class) –

Functions –

* Get Name
* Set Name
* Get Start-date (date)
* Set Start-date (date)
* Get Time-spent (Int)
* Set Time-spent (Int)
* Get Files (list)
* Set Files (list)
* Get Task (list)
* Set Task (list)
* Get Status (double)
* Set Status (double)
* Get Material-Req(list)
* Set Material-Req(list)

Global Variables –

* Name (String)
* Start-date (date)
* Time-spent (Int)
* Files (list)
* Task (list)
* Status (double)
* Material-Req(list)

PPFile\_IO (sub\_ PFile\_IO) –

Functions –

* Get Peers
* Get Cost
* Get Budget
* Get Material-Acquired
* Set Peers
* Set Cost
* Set Budget
* Set Material-Acquired

Global Variable –

* Peers(array)
* Cost (double)
* Budget (double)
* Material-Acquired(list)

IPFile\_IO (sub\_ PFile\_IO) –

Functions –

* Get Worth
* Get Expenses
* Get Client\_Name
* Get Client\_Contact
* Get Deadline
* Set Worth
* Set Expenses
* Set Client\_Name
* Set Client\_Contact
* Set Deadline

Global Variables –

* Worth
* Expenses
* Client\_Name
* Client\_Contact
* Deadline

APFile\_IO (sub\_ PFile\_IO) –

Functions –

* Get Due Date
* Get Parameter
* Get Mentor
* Get Sponsors
* Get Funds
* Set Due Date
* Set Parameter
* Set Mentor
* Set Sponsors
* Set Funds

Global Variables –

* Due Date
* Parameter (list)
* Mentor (String)
* Sponsors
* Funds

PFunction (interface) –

Functions –

* Print
* Get Name