**Diffie\_Hellman Design Document**

* Diffie\_Hellman is algorithm used to create a secret code which can be used in communication over public network.
* In this Users will get to public numbers (P & G) and they choose one Private number.
* Then one special key is calculated using Public & Private numbers, which will be shared between the users.
* And at last, a Secrete number will be calculated using shared Special number.

Sequence Diagram for Diffie\_Hellman Algorithm –

Graphical user interface, text, application

Description automatically generated

Fig. 1.1

Class Diagram for Diffie\_Hellman Algorithm –

Text

Description automatically generated

Fig. 1.2