Integrated Back Solution Basic Architecture

Overview:

The broad overview of the Integrated Back Solutions is to transfer the files and folder that are designated to be backed up to a cloud or an offsite location.

Offsite location can be a cloud server or a third-party storage device that supports ftp.

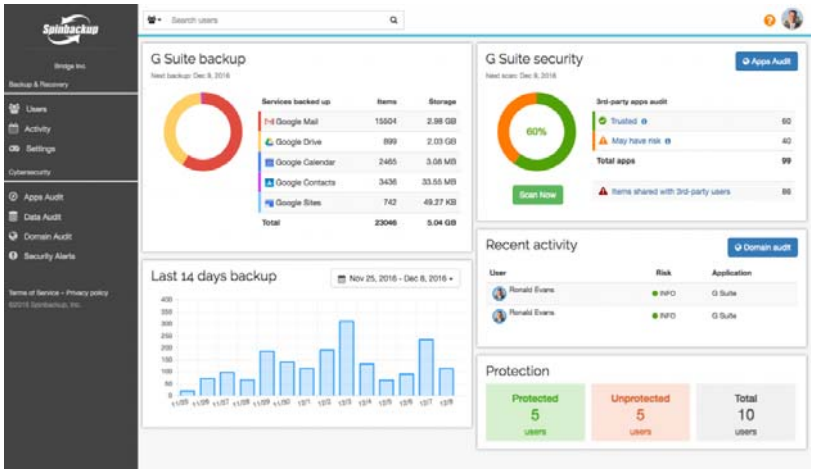
The Architecture will have three main modules:

i) A client application that will be Installed on the client machine on which the back up has to be performed.

ii) Database Server (MySQL) on the cloud that will save the path of the files and folders that will be stored. The Database will hold the information of the User and plan details.

iii) Graphical User Interface to view, monitor, allocate the back up space to the users.

Web Based Control Panel or Dashboard. (Image is for illustration purpose)



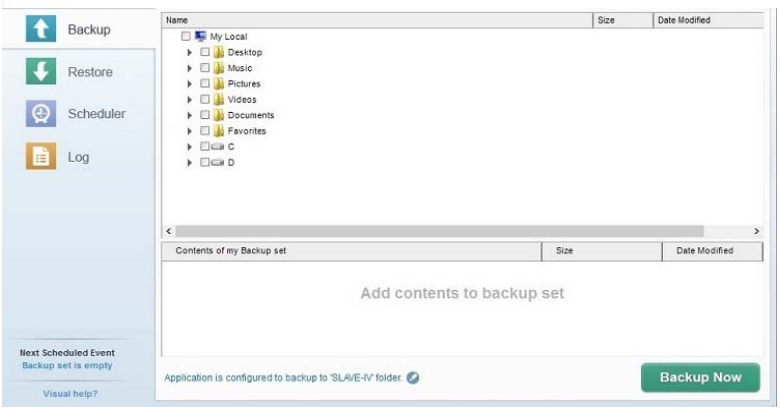
The Control Panel or Dash Board for the Administrator and System Implementor.

1) Create user or customer with full registration details.
2) It should have unique ID for customer.
3) Provision for creating back up type plan e.g. Gold, Silver, Bronze etc.
4) Provision to Upgrade or down grade the plan type.
5) License validity, each customer will have different validity for different plans.
6) Unique ID for the client application, and the system information like Mac ID, hard disc serial has to be stored

The Control Panel or Dash Board for the User or Customer.

1) The user or the customer should be able to view his plan, registration and validity details.
2) Provision to enable or disable to send emails on completion of back to the web server.
3) Over ride from the control panel, if the user has multiple accounts, if the user opts to disable or reject the back up sent to the cloud. (before the client application sends the files or folders, it should verify this flag)
4) The user should be able to view the files date wise, plan wise and download it accordingly.

Client Application. (Image is for illustration purpose)



1) The client application will be installed on the machines where the back up has to be performed.
2) It will have the provision to enter the client user and password that was created in the web portal.
3) It should have the provision to retrieve the system information like hard disc serial no, network card mack id and send it to the web server.
4) The folders that needs to backed up are selected, and their path saved.
5) The back end for the client application has to be xml file based, else the implementation person has to install the database.
6) There should be a provision for both automated and manual back up.
7) There should be a log file, which captures the activity log during back up, and a copy of this file has to be sent to cloud server.