***Student ID -30359612***

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**Revision chart with clear identifier of the document revision and history**

Like every other web customer portal, ‘AI based Credit mapping application’ must keep track of the students’ progress. Basic function of the application is to store uploaded documents with unique ID assigned to it in a database. Along with it, any changes made to the documents at any period of time are kept track with unique version number assigned in every edit. Each and every documents edited at any point of time should be stored in a logbook which can be accessible by the administrator.

For example; A student who signs out of their account after filling up their transfer credit form halfway, must be able to continue their progress when they return and are free to make any changes anytime until they submit their documents. Every changes are stored as history, in a backend logbook table displayed only to the administrator. Likewise, if a student sends a message to AI chatbox, all of their messages are stored so that they can view their previous chat as in every SMS or messenger applications.

This could be done by assigning a Version ID to each document ID. For instance, when a document is added into the system, it is assigned an Item ID=1234 with Version ID =**1**. When the student modifies the document and checks into the library, the document retains an Item ID=1234 with Version ID =**2**.

Other than that, if any changes are to be made in the transfer credit form then a revision number can be assigned along with Version ID. For example; if contact details, or document upload limit, or number of identity proofs, etc. is to be changed in the form; Item ID=1234 Version ID=1 Revision Num =**001**. Then, a copy of the form is made with Item ID=1234 Version ID=1 Revision Num =**002**. Any new changes required, are made in the copied version. Once every modification is satisfied, the new revised document can replace the existing document, and all of the changes made to that Item ID are recorded with respective version ID and Revision Num at the backend database.