# <UC1.2 : CHANGE PASSWORD>

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| Actors | Business User, Administrator User |
| Description | The user is required to change his password once in 30 days . His new password must not be same as any of the last 12 passwords used for the same account. |
| Preconditions | User must be logged in the system with the current password. |
| Post conditions | The new password for the corresponding user is updated in the database. |
| Trigger | 1. User clicks on the CHANGE PASSWORD button in his HOME window  2. His current password time has expired, so Password needs to be changed. |
| Steps  (Normal Flow) | 1. User is on the CHANGE password window. 2. User fills his current password and new password. 3. User clicks on the CHANGE PASSWORD button. 4. The current password is retrieved from the database. 5. The LAST 12 passwords are retrieved from the database. 6. If the current password matches the entered current password    1. **The new password is compared with the current password**.    2. If not same, **new password is compared with the last 12 passwords**.    3. If not same with any of the last 12 passwords, the new password replaces the current password in the database and becomes the new login password for the USER.    4. User is directed back to the HOME window.    5. If the password matches any of the old or current password, an appropriate message box with details about the password and why it cannot be used, is shown to the user. 7. If user clicks on RETURN button, User is directed back to the HOME window without changing the password. |
| Extensions/  Alternative Flows |  |
| Business Rules | Password is case sensitive |
| Non Functional Requirements |  |
| Issues | New updates may not get updated on the database due to Database connectivity problems. |