Application Name: Apples And Berries Payroll System

Version: 1.0

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Tested function/s: Backup Settings

Test Date: April 27, 2017

Case 1:

Test Description and Expectation: User wishes to backup the database locally now.

Result: Pass

Process:

1. User logs in using his/her credentials
2. System displays main page
3. User clicks “Backup Data” then “Backup”
4. Page redirects to backup UI
5. User selects “Backup Now” then “Local Backup”
6. System creates a mongodump file and locally saves it in the set backup path, using current date and time as filename
7. File data should be similar to application data. Check if no missing entries. Check if backup file is not corrupt and is restorable by Mongo

Case 2:

Test Description and Expectation: User wishes to backup the database on cloud now.

Result: Pass

Process:

1) User logs in using his/her credentials

2) System displays main page

3) User clicks “Backup Data” then “Backup”

4) Page redirects to backup UI

5) User selects “Backup Now” then “Cloud Backup”

6) System runs mongorestore to the set cloud storage and pushes a copy of the database there, using current date and time as filename. It should also create a local copy just in case cloud backup gets interrupted.

7) File data should be similar to application data. Check if no missing entries. Check if backup file is not corrupt and is restorable by Mongo

Case 3:

Test Description and Expectation: User wishes to set local auto backup frequency.

Result: Pass

Process:

1) User logs in using his/her credentials

2) System displays main page

3) User clicks “Backup Data” then “Backup”

4) Page redirects to backup UI

5) User selects “Set Backup Frequency”

6) System loads to options. Local and Cloud. Selecting Local will open a dropdown menu

7) User selects any of the values

8) System sets the new frequency of local auto backup to user’s choice

9) Task scheduler should have registered the correct schedule

10) Once the schedule is triggered, the computer should do a local backup assuming the computer is on

Case 4:

Test Description and Expectation: User wishes to set cloud auto backup frequency.

Result: Pass

Process:

1) User logs in using his/her credentials

2) System displays main page

3) User clicks “Backup Data” then “Backup”

4) Page redirects to backup UI

5) User selects “Set Backup Frequency”

6) System loads to options. Local and Cloud. Selecting Cloud will open a dropdown menu

7) User selects any of the values

8) System sets the new frequency of cloud auto backup to user’s choice

9) Task scheduler should have registered the correct schedule

10) Once the schedule is triggered, the computer should do a cloud and local backup assuming the computer is on and there is a working internet connection

Case 5:

Test Description and Expectation: User wishes to disable local auto backup.

Result: Pass

Process:

1) User logs in using his/her credentials

2) System displays main page

3) User clicks “Backup Data” then “Backup”

4) Page redirects to backup UI

5) User selects “Set Backup Frequency”

6) System loads to options. Local and Cloud. Selecting Local will open a dropdown menu

7) User selects “No auto local backup”

8) System removes the scheduled auto backup from task scheduler

9) Task scheduler should not have a scheduled local backup in its library anymore

Case 5:

Test Description and Expectation: User wishes to disable local auto backup.

Result: Pass

Process:

1) User logs in using his/her credentials

2) System displays main page

3) User clicks “Backup Data” then “Backup”

4) Page redirects to backup UI

5) User selects “Set Backup Frequency”

6) System loads to options. Local and Cloud. Selecting Cloud will open a dropdown menu

7) User selects “No auto cloud backup”

8) System removes the scheduled auto backup from task scheduler

9) Task scheduler should not have a scheduled cloud backup in its library anymore