Group #26: Eve Phelps, Huiyi Ruan, Lily Wu, Kelly Hung
CIS 350 001
April 22nd, 2018
Report - Iteration 4

Database update
The database was extended to support showing payment history. Two tables were added, one to store all the relevant information for each past bill, and another to associate each bill to its corresponding user. Queries were added to DBQueries.java for retrieving the relevant information for the application.

2. User stories completed
Payment history. As a user, I should be able to see my payment history - bills that I have confirmed payment for - via my profile page.

Profile management. As a user, I should be able to manage my profile, including my user icon, nickname, email address, and password. I should also be allowed to delete my account if I wish. Finally, a confirmation box will pop up when I do important account changes, including changing my email address or password and deleting my account.

Show all payers for bill. As a user, I should be able to see all other payers for a bill upon clicking on said bill from the bill list page.

3. Planned user stories not finished
N/A

4. Known bugs
None.

5. Future additional features
Stay logged in. Stay logged in even after closing app, unless I haven't used the app in one week, at which point I'll be logged out.

Pay bill through app. Be able to pay bills through the PayPal API through this app.

Data visualizations. Visualized summary of past payments through profile page.

6. Reflection
If we were to start the project over, we'd probably have standardized colors in the values module to facilitate standardized UI aesthetics from the beginning. Additionally, we'd write more user stories at the beginning of the project. Since we implemented all of our originally planned stories earlier in the project's cycle, we ended up needing to redesign parts of the database to

support new features. If we'd spent more time brainstorming features at the beginning, the database could've supported bill payment history and user profile information to begin with.

7. Ownership
Not planning to commercialize.

<u>Appendix</u>

Commits on Apr 22, 2018

1.   Delete Report - Iteration 1.docx

kplhung committed 5 hours ago

Verified

208b660

2.   Merge pull request #70 from cis-upenn/ui_kelly ...

kplhung committed 18 hours ago

Verified

4d0452f

3.   refactored for spelling error

kplhung committed 18 hours ago

b503992

4.   Merge pull request #69 from cis-upenn/ui_kelly ...

kplhung committed 18 hours ago

Verified

9e6dda2

5. UI for payment history page

kplhung committed 18 hours ago

237e6d1

6. Merge pull request #68 from cis-upenn/ui_lily ...

lilyidi committed 19 hours ago

Verified

47c1434

7. fix formatting bill list

lilyidi committed 19 hours ago

8721385

8. Merge pull request #67 from cis-upenn/ui_lily ...

lilyidi committed 19 hours ago

Verified

5f2a677

9. change UI for bills pages

lilyidi committed 19 hours ago

b091304

10. Merge pull request #66 from cis-upenn/ui_kelly ...

kplhung committed 20 hours ago

Verified

50d61c9

11. UI for password resets, login, signup

kplhung committed 20 hours ago

67340c2

12. Merge pull request #65 from cis-upenn/ui_kelly ...

kplhung committed 21 hours ago

Verified

f5633f6

13. splash page UI

kplhung committed 21 hours ago

6a04080

Commits on Apr 21, 2018

1. Merge pull request #64 from cis-upenn/groupUI ...

evephelps committed 23 hours ago

Verified

82c1183

2. update confirmations & back buttons

evephelps committed 23 hours ago

660acfa

3. update create group UI

evephelps committed 23 hours ago

4. **update UI for join group page**

    evephelps committed 23 hours ago

5. **update UI for manage group page**

    evephelps committed a day ago

6. **finish updating my group page UI**

    evephelps committed a day ago

7. **improve UI of manage group page**

    evephelps committed a day ago

8. **Merge pull request #61 from cis-upenn/UI_huiyi ...**

kplhung committed 2 days ago

Verified

25a9a80

9. **Merge pull request #63 from cis-upenn/payment_history ...**

kplhung committed 2 days ago

Verified

49249bf

10. **added payment history functionality; fixed db query for adding old bills**

kplhung committed 2 days ago

e115be2

11. **Merge pull request #62 from cis-upenn/bill_list ...**

lilyidi committed 2 days ago

Verified

6fca50c

Commits on Apr 20, 2018

1. fix formatting

lilyidi committed 2 days ago

7699ef1

2. improve UI features

kallyrhy committed 3 days ago

Verified

e0dd827

3. improve UI features

kallyrhy committed 3 days ago

Verified

89bbf97

4. show list of group members payment for each bill

lilyidi committed 3 days ago

13336c5

Commits on Apr 18, 2018

1. **Merge pull request #60 from cis-upenn/fixDB …**

evephelps committed 4 days ago

Verified

0ad082d

2. **fix changeEmail query**

evephelps committed 4 days ago

42c1f17

Commits on Apr 15, 2018

1. **Merge pull request #59 from cis-upenn/addProfile …**

kallyrhy committed 8 days ago

Verified

fd9ad67

2. **implement profile management features**

kallyrhy committed 8 days ago

Verified

97234d3

3. modify user profile features

kallyrhy committed 8 days ago

Verified

5e71178

4. Add files via upload

kallyrhy committed 8 days ago

Verified

1dfec30

5. Add files via upload

kallyrhy committed 8 days ago

Verified

Commits on Apr 15, 2018

1. **Delete activity_change_icon.xml**

kallyrhy committed 8 days ago

Verified

2. **add user profile management features**

kallyrhy committed 8 days ago

Verified

3. **Add files via upload**

kallyrhy committed 8 days ago

Verified

4. **Add files via upload**

kallyrhy committed 8 days ago

Verified

c417798

5. add user profile features

kallyrhy committed 8 days ago

Verified

9e2161c

6. Update MenuActivity.java

kallyrhy committed 8 days ago

Verified

f373c74

Commits on Apr 12, 2018

1. Update tables to include old bill information

evephelps committed 10 days ago

Verified

2. **Merge pull request [#58](#) from cis-upenn/payment_history …**

kplhung committed 11 days ago

Verified

3. **created activity for payment history; made outline for logic**

kplhung committed 11 days ago

Commits on Apr 11, 2018

1. **Upload updated Function Info.pdf**

evephelps committed 11 days ago

Verified

2. **Delete Function Info.pdf for replacement**

evephelps committed 11 days ago

3. Merge pull request [#57](#) from cis-upenn/dbOldBills …

evephelps committed 11 days ago

Verified

ae090ed

4. Add db query functionality for old bills

evephelps committed 11 days ago

dccdc9a

Commits on Apr 9, 2018

1.   Merge pull request [#56](#) from cis-upenn/defect_log_kelly …

kplhung committed 13 days ago

Verified

f92c6fc