**Predictive Evolution and KLM**

*All KLM assumes program runs (User does not have to open from their desktop)*

* *Average name length: 6*
* *Average surname length: 6*
* *Average email length: 25*
* *Average password length: 10*

**1-Sign Up Page**

* **Using Tab key to go next input and pressing Enter to press buttons**

**Sign up:** M -> P -> B(Textbox selected)-> H ->6K(Name) -> K(Tab) -> 6K(Surname) -> K(Tab) -> 25K(Email) -> K(Tab) -> 10K(Password) -> K(Tab)-> 10K(Password) -> K(Tab) -> K(Enter Sign up button) -> R

*Time: 18.76 second*

* **Using mouse to go next input**

**Sign up:** M -> P -> B(Textbox selected) -> H -> 6K(Name) -> H -> P -> B(Textbox selected) -> H -> 6K(Surname) -> H -> P -> B (Textbox selected)-> H-> 25K(Email) -> H -> P -> B(Textbox selected) -> H-> 10K(Password) -> H -> P -> B(Textbox selected) -> H -> 10K(Password) -> H -> P-> B(Sign up Button) -> R

*Time: 30.04 second*

**2-Log In Page**

* **Using Tab key to go next input and pressing Enter to press buttons**

**Log in:** M -> P -> B(Textbox selected) -> H-> 25K(Email) -> K(Tab) -> 10K(Password) -> K (Tab)-> K(Enter Log in button) -> R

*Time: 13,44 second*

* **Using mouse to go next input**

**Log in:** M -> P -> B (Textbox selected)-> H -> 25K(Email) -> H -> P -> B(Textbox selected) -> 10K(Password) -> H -> P -> B(Log in Button) -> R

*Time: 15.8 second*

**4-Forgot Your Password Page**

**Change password:** M -> P -> B(Textbox selected) -> H -> 25K(Email) -> H-> P -> B(Send Code Button) -> R(Sends 6 digit code to email, it assumes email is open) -> P -> B(Textbox selected) -> H -> 6K(Code)-> H -> P -> B(Textbox selected) -> H -> 10K(New password)-> H -> P -> B(Textbox selected) -> H -> 10K(New password)-> H-> P -> B(Change button)-> R

*Time: 25.88 second*

**4-Bill Pay Page**

**Bill Pay:** M -> P -> B(Dropdown menu) -> M-> B(Bill type select) -> P -> B(Dropdown menu) -> M -> B(Corporation selected) -> P -> B(Text box selected)-> H ->10K(ID) -> H-> P -> B(Next Button) ->R -> M -> P -> B(Bill Selected) -> R -> M -> P -> B(Account Selected) -> R-> M -> P -> B (Verify Button)

*Time: 18.80 second*

**5-Send Money Pay Page**

**Money Send:** M -> P -> B(decides to IBAN or ID) ->

* **If it’s IBAN**: P -> B(Textbox selected) -> H -> 16K(IBAN) -> H -> P -> B(Textbox selected) -> H ->13K(name & surname ) -> H-> P -> B(Next) -> R
* **If it’s ID**: P -> B(Dropdown menu) -> M -> B(Bank selected) -> P -> B(Textbox selected) -> H -> 16K(ID) -> H ->P -> B(Textbox selected) -> H ->13K(name and surname) -> H-> P -> B(Next) -> R ->

M -> P -> B(Account Selected) -> R -> M -> P -> B(Textbox selected) -> H-> n\*K(amount of money) -> H -> P -> B (Textbox selected)-> H -> n\*K(Type of Sending) -> H-> P -> B (Textbox Selected) -> H -> n\*K(Description) -> H-> P-> B(Date Object selected)-> P -> B(Date selected)-> P -> B(Next Button) -> R -> M -> P -> B (Verify Button)

*Time: Time changes way too much according to user’s money and description.*

*\*\* all times does not include system responds.*

Usability Inspection

**General**

At first, we decided to everyone will make their personal design then we going to choose one of them which fulfill our main goal and UI interface steps. After a long argument we continue on Mehmet’s interface and we took best parts and ideas of other projects and we combined them. After this, one of us redesign every element in project to make the project looks like design by one hand.

In the first project button and textbox wasn’t in the same length, we thought it’s not a good design so we change the every button’s length in projects.

Instead of listing object in order to down in rows we use big card design system. In this every object have itself n\*n pixel and other object takes right side of previous one. In this domain we wrote object’s property inside of it. And this was one the best idea of application. It modern and efficient design for few items(Generally a user has few accounts not one hundred).

First Design Last Design

* A

A

B

C

* B
* C

In this design we didn’t use borders instead of this we use shadows affect to split objects and background. Objects and background have same color with this want to accomplish minimalist app. We don’t want to bother users with lots of colors.

**Log in page**

In first log in page, left side has mini stock market interface. We thoughts it is not necessary for every user so we deleted this and added a QR login option to make login more easier and safer. Remember me, Forgot your password, Don’t have an account options wasn’t in ordinary list, we want to make a clear application so we place every one of them left or side.

**Setting pages**

most of pages have two or three content, because of desktop applications are big we don’t want to make pages with empty content instead of this we did multi-layouts with fulfill content which not bother user. With this we prevent the users to lost in pages.

Application setting has lack of some options, some users may not found something that used to in other apps. This was missing part of projects.

We have basic setting with simple interface which every user will understand easily .