Testing report for Collaboration Finder

by WithU

**Role of each team memberber:**

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**Descriptions of Collaboration Finder**

Collaboration Finder is a mobile app that can help users find appropriate people with needed skills to solve specific tasks the user request. During registrations, users need to indicate their skills and provide personal contact information. Then once the user(requesters) publish a task with proper requirements, the app will find the suitable users(helpers) with the needed skills. The helper can either accept or decline the request. After the completion of the task, the helper can receive compensation from the requester.

**Design or specification problems**

The most vital and emergent problems our group believes are **transaction system and security check** .

**(1)Transaction system**

In the step of creating a task, the user can enter a certain amount of money to pay for the helpers’ services, but there isn’t a way of adding a payment method to your account. In the design and specification document, there is no discussion about this either, and we think this is very serious and important part that they should consider. However, we do understand that transaction system may be too complex to be properly finished in a semester project, but the developers at least should consider it.

**(2)Security check**

Because there is no transaction system installed, we think the developers may want the requesters and the helpers to meet each other face to face offline. Then they must make sure that the security check is properly done. For example, a user just published a task with a large amount of money to stimulate the helpers due to time pressure, but after the job is done the user refused to pay the amount of money. How to properly solve this problem is important for the success of the app.

The team has used Wisc Email to check the background of users which is very good. However, we can use fake email account with the ending of @wisc.edu to create a valid account that can use the full function of the app which is a very serious drawback of this kind of app.

**Details of the tests**

We are using the Ionic View to test the app from Collaboration Finder in both Android and iOS. And then we created our account on the app and try to play the role both requesters and helpers to test main function of the app.

And below is the list of bugs we find.

### **(1)Trivial level bugs**

|  |  |
| --- | --- |
| Name | Weak Password |
| Summary | Allows very weak passwords |
| Description | If you enter a password under 6 it warns of a weak password but allows user to make a simple password like “123456’ |
| Severity | Trivial |
| Extra Comments | Not a major issue but something to consider later on to make things more secure |

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| --- | --- |
| Name | Zip Code Button |
| Summary | Blue button located next to zip code field doesn't do anything |
| Description | When filling in the information for tasks, there is a field that allows the user to automatically fill in the zip code field. However, this button currently does nothing. |
| Severity | Trivial |
| Extra Comments | Nothing major just nice to have working for users |

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| --- | --- |
| Name | Back Button Transition |
| Summary | Awkward visual transition when pressing back |
| Description | Brings a solid color screen across everything and delays for a little before going to actual screen |
| Severity | Trivial |
| Extra Comments | Awkward for the user, but doesn’t affect overall application |

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| --- | --- |
| Name | Adding skills in profile - Radio buttons for multi selection - Could use check boxes |
| Summary | Wrong component use in multi-skill selection |
| Description | When trying to add a skill under any subtopic, there are radio buttons for multi selection and not check boxes - Wrong component use |
| Severity | Trivial |
| Extra Comments | Could benefit from using checkboxes rather than radio buttons |

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| --- | --- |
| Name | Search Drop Down |
| Summary | Shows only one letter |
| Description | The full word is shown once selected but from the drop down all that is seen is One letter followed by ……. |
| Severity | Trivial |
| Extra Comments | Awkward for the user, but doesn’t affect overall application |

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| --- | --- |
| Name | My Task Picture |
| Summary | Profile picture not visible from the My Tasks |
| Description | Profile Picture not visible, just see a faint grey outline of a circle where picture should be |
| Severity | Trivial |
| Extra Comments | Would be nice to get working because looks plain without a pic |

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| --- | --- |
| Name | Samsung S8+, parts of the tasks are cutoff |
| Summary | View problem for a taller phone, 18:9 screen ratio is having a problem viewing the tasks |
| Description | When looking at the tasks in the task areas, the name is cut off. |
| Severity | Trivial |
| Extra Comments | I think this is a quick fix, and it allows the user to to see the name clearly |

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| --- | --- |
| Name | Cannot view full field in pending or confirmed tasks |
| Summary | Cannot view info in data fields (task description or end time) |
| Description | When confirmed or requesting a task, I cannot view the full task description or the end time for the task. |
| Severity | Trivial |
| Extra Comments | These fields need to be viewable to the requestor to know the total task description and end time. Otherwise, they will not request. |

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| --- | --- |
| Name | Compensation showed in hours |
| Summary | Compensation for any task is not shown in correct units |
| Description | When adding a task, the compensation isn’t shown in USD or any currency other than in hours |
| Severity | Trivial |
| Extra Comments | Please change hours to USD |

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| --- | --- |
| Name | Comment window is extremely small (Android) |
| Summary | Comment window is small when selecting to complete your task. |
| Description | When you select that you task has been completed, a comment window pops up that is too small. The buttons are partially cut-off and the text-field is very small. |
| Severity | Trivial |
| Extra Comments | I would simply change the activity size so that it is easier to interact with. |

### **(2)Critical severity level bugs**

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| --- | --- |
| Name | Picture From Camera |
| Summary | When uploading a picture from the camera, the app crashes |
| Description | You can take the picture, set the cropping of the image to be what you want, and then press save; however, then the app crashes. |
| Severity | Critical |
| Extra Comments | Works from camera roll, not from camera |

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| --- | --- |
| Name | Profile Info Not Returned When Trying to Edit |
| Summary | Profile information is not stored when returning to edit. |
| Description | When going from the main page back to the edit profile, the current info is not populated in the relative fields (first name, last name) |
| Severity | Critical |
| Extra Comments | This is simply an inconvenience for the user. The user does not want to re-enter all the required information every time they wish to edit their profile. |

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| --- | --- |
| Name | Telphone number can be faked |
| Summary | Telphone number not validated |
| Description | You can enter any digits for the telephone number and it clears through authentication. |
| Severity | Critical |
| Extra Comments | Maybe send the user the verify code |

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| Name | Back from the Edit Profile |
| Summary | Pressing back takes you to a empty white screen |
| Description | Sometimes the call stack pressing back leads you to blank empty screen |
| Severity | Critical |
| Extra Comments | Hide back button the first time making profile? Or just fix the stack |

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| --- | --- |
| Name | Bottom menu tab bar not working |
| Summary | When in a task, we can’t switch to any of the other tabs in the bottom menu bar |
| Description | All functionality breaks when in a task - have to restart the application |
| Severity | Critical |
| Extra Comments | Please finish each previous activity when switching to a new activity |

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| --- | --- |
| Name | End Date |
| Summary | Entered past end Date |
| Description | You are allowed to enter a past end date from today's date |
| Severity | Critical |
| Extra Comments | Can be an issue going forward, eliminating past dates would help prevent user mistakes |

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| --- | --- |
| Name | Time length and compensation |
| Summary | Time or money can be negative numbers |
| Description | No validation in place to check if a valid amount or time of hours is inputted |
| Severity | Critical |
| Extra Comments | Negative amounts/lengths can cause confusion to users when viewing other tasks |

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| --- | --- |
| Name | Accept or Garbage Button Freeze (iOS) |
| Summary | When clicking the garbage icon, the UI freezes on iOS. |
| Description | When invited to a task, the accept or garbage button freezes the app and makes it unusable, also those buttons don’t do anything |
| Severity | Critical |
| Extra Comments | It would be nice to be able to reject the task if invited to it |

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| --- | --- |
| Name | Landing on the Profile page after registration |
| Summary | Starting on Profile page after registration is somewhat inefficient |
| Description | After registration, the user lands on the Profile page, not the main Dashboard page, which makes it hard to use the app |
| Severity | Critical |
| Extra Comments | I would recommend having the Dashboard as the main screen after registration; this would remove some confusion of where to start. |

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| --- | --- |
| Name | No tutorial or help system |
| Summary | No tutorial to explain and show how to use the app. You just do not know where to start. |
| Description | Nearly everyone in our team have to stop before understand the flow of the app. |
| Severity | Critical |
| Extra Comments | Would be good to give the users a brief overview of how the app works, was very confusing the first time where to go/how to navigate between screens. |

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| Name | Wiscmail Not Validated |
| Summary | Put in a fake wisc email, but there was no email validation when signup |
| Description | Can register with anything as long as it is @wisc.edu, no validation in place to make sure it is an active wisc account |
| Severity | Critical |
| Extra Comments | Not sure how hard this is to implement, but could raise security issues later if random people would create accounts |

### **(3)Blocker level bugs**

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| Name | Nothing happens when Task Requested (iOS) |
| Summary | I search for a task in the search tab and when I click on a task and try to request it, nothing happens |
| Description | I believe something should happen when I select “Request this task” but nothing pops up |
| Severity | Blocker |
| Extra Comments | You can only shake it to exit the app. |

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| --- | --- |
| Name | Request Task Lock Display (iOS) |
| Summary | When clicking the request task button on iOS, the entire display locks up |
| Description | Can view task and press request button but, afterward you are unable to do anything on the app and are forced to quit the app completely |
| Severity | Blocker |
| Extra Comments | Definitely would fix this asap, as it seems to be a key component of the application since right now can not actually request to have a task |

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| --- | --- |
| Name | Can’t see your Applied Helpers |
| Summary | Can’t see the person you accepted to work on the task |
| Description | When you accept a user who can work on a task, you can’t see who is helping you with this task after you accepted them. |
| Severity | Blocker |
| Extra Comments | I think it is necessary to see the person you accepted because when you are in your task, you should be able to see the helper. |

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| --- | --- |
| Name | Task can’t be deleted |
| Summary | Tried deleting task after making it - no action |
| Description | Made a task and tried to delete it after inviting some people to do the task and it showed up again when I logged back in |
| Severity | Blocker |
| Extra Comments | Please add functionality to be able to delete a task so that it disappears from the invited peoples list |

### **(4)Enhancement level bugs**

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| Name | Payment method missing |
| Summary | No buttons or sections in the application where a payment method can be added |
| Description | User can not add a bank account or any kind of payment method |
| Severity | Enhancement |
| Extra Comments | As discussed in design or specification problems section, this can be really important for the real world use of this app |