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| Image | | Logo, company name  Description automatically generated |
| Eve App ReviewBug/Issue Summary | | |
| qMobility14/12/2020HSH |  | |

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| Image |
| Summary Technically the app seems to work correctly most of the time. There are a couple of important “arithmetic errors” (easy to fix) and several areas where the UI needs tweaks and some altered text.  However the app also crashes completely when several menu items are selected and there’s a problem where logout and log back in with different credentials brings you back to the logged out user!  Other than that, the app is generally pretty to look at. But there’s work to be done. |

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| Image | | Logo, company name  Description automatically generated |
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| Intro & Sign on The text on the carousel images needs to be changed, which means it needs to be supplied! Small change. T&Cs The T&Cs need to be changed…which means the T&Cs need to be supplied. Small change. | Carousel Image Text The fonts and text/image layouts are fine. Just change the text to the following.   1. “Hello, this is Eve”    * Electric cars are coming. Eve is the smarter way to drive electric. 2. “What is Eve?”    * Eve is a variety of services to make electric car use simple. Car selection, charging, route planning. Everything. 3. “Why Eve?”    * Eve will sort everything out. From advice on suitable cars, to the best possible car packages. Try us! 4. “What next?”    * Investigate your usual driving routes and see what car suits your needs. Then get in touch with us on eve.one | |



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|  | T&Cs! |



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Your Contributions are not unsolicited or unauthorized advertising, promotional materials, pyramid schemes, chain letters, spam, mass mailings, or other forms of solicitation. 6. Your Contributions are not obscene, lewd, lascivious, filthy, violent, harassing, libellous, slanderous, or otherwise objectionable (as determined by us). 7. Your Contributions do not ridicule, mock, disparage, intimidate, or abuse anyone. 8. Your Contributions are not used to harass or threaten (in the legal sense of those terms) any other person and to promote violence against a specific person or class of people. 9. Your Contributions do not violate any applicable law, regulation, or rule. 10. Your Contributions do not violate the privacy or publicity rights of any third party. 11. Your Contributions do not contain any material that solicits personal information from anyone under the age of 18 or exploits people under the age of 18 in a sexual or violent manner. 12. 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| Sign In Process    * **Works, but seems to be very slow. Considerably slower than on other apps in use.** * **Starting the app seems to require the log in flow every time. That isn’t required on other apps.** * **Signing in through LinkedIn takes me to a browser screen and ignores that I am already logged in with LinkedIn on the device.** * **Additionally, after signing in with LinkedIn, the app still has my google credentials and presents me as the user signed in with Google. That’s a GDPR breach right there…if I’m signed out, I need to be signed out. I have** [**video**](https://photos.app.goo.gl/q3g9nk1hyivzbmgQ7) * **Note that Ben can log in, but not get past the marketing questions. Video** [**here**](https://berryq-my.sharepoint.com/personal/benjamin_bentre_qmobility_com/Documents/Microsoft%20Teams%20Chat%20Files/video-20201215-080956-ebcaae64.mp4)**. (haven’t tested..)** * **Facebook login doesn’t work. Throws error “SERVER ERROR: [code] 1675030…..”** * **WTF**  Initial Map view  * **Opens with a global view, centered on Lat0, Long 0.** * **Should open on a GB view, zoomed appropriately.** * **Subsequent zoom to user location works fine.** * **The map doesn’t show any charging points. Needs to show all the charging points at the beginning**   + **Needs to show charging points from the UK govt list, with a basic on click tooltip (e.g. either google pins or something like this.** [**https://kind-ground-0922c5103.azurestaticapps.net/**](https://kind-ground-0922c5103.azurestaticapps.net/) **or** [**https://hughsheehy.github.io/Map-of-chargingpoints-powered-by-google-sheets/**](https://hughsheehy.github.io/Map-of-chargingpoints-powered-by-google-sheets/) * **Needs to have a way of centering on my location (standard map function) Not now**  My Stats  * **All the arithmetic on the page seems to be wrong. Just one example…’cos we’ll have to go through the arithmetic together.**    + **Arithmetic for the Avg trip length is wrong. Seems to be counting the annual total divided by the number of separate routes planned, and not by the total number of trips represented in the various routes. E.g. a single route could be entered as happening 5 times a week all year. That’s not 1, it’s 260. The arithmetic is in a spreadsheet and can be reviewed. Arithmetics down below**   + **Several Apple icons need to be replaced.**   + **Graphical user interface, application      Description automatically generatedGraphical user interface, application      Description automatically generated**   + [**https://photos.app.goo.gl/Xe6GnmCJnf4mpg9f6**](https://photos.app.goo.gl/Xe6GnmCJnf4mpg9f6)   + [**https://photos.app.goo.gl/2PuJYbxkm3HA4CfA7**](https://photos.app.goo.gl/2PuJYbxkm3HA4CfA7)  Side Menu  * **Seems to be fine.** * **Could it have a link to the car catalog? Not now**  Clicking on my profile  * **Crashes the app every time for Hugh. After the crash I have to go through all the signup flow again**   + [**https://photos.app.goo.gl/ELRZsD1P8mUAC8hGA**](https://photos.app.goo.gl/ELRZsD1P8mUAC8hGA)   + **Still crashes all the time for Hugh’s primary account (**[**hugh.sheehy@gmail.com**](mailto:hugh.sheehy@gmail.com)**). Doesn’t crash for a secondary account. Delete the gmail acc** * **For John, there are problems with the phone number (Hugh had the same before). The default phone number country code for John is India. Should be the UK. Previously, Hugh had a problem getting the app to accept an Irish phone number….it kept resetting it to be a +44 number.**  Create Route  * **Look up of google API seems to be slow (finding suggested locations)** * **While the “Where are you going” question is correct for the destination, the same question appears if you want to change the origin** * **The API call is starting at 100% battery power. It should be set at 80%** * **Steps of a planned route only returns a single charging point. There could and should be multiple on some routes. E.g. a Honda e from London to Thurso says it only needs one stop. That’s not right.** * **But – when I plan a route, I see different steps on the map compared to the steps list. In one, only one stop, in the other, lots of stops. Map shows the correct charging point. The steps list shows way too many charging points. It’s the first charger of each of the arrays that the api return** * **The calculated energy on the route planner page also seems to be in % when it should be in kwh…needs to be corrected.** * **Getting a route plan back is SLOOOOW.**  My Vehicles  * **Attempting to change either vehicle (battery or ICE) causes the app to crash every time.**    + [**https://photos.app.goo.gl/VphbgRBArJDqfeZi6**](https://photos.app.goo.gl/VphbgRBArJDqfeZi6)   + **Still always crashes on** [**hugh.sheehy@gmail.com**](mailto:hugh.sheehy@gmail.com)**. Not on the secondary account, but always on hugh.sheehy@gmail.coim** * **After crash, I have to read through all intro screens and to log in again.** * **Plus, the edit “pencils” are almost impossible to click. Make em bigger** * **If I go into the detail page for my current vehicle, there is a “three-dot” menu on the right of the page that doesn’t seem to do anything** * **The icons on the detail page for my current ICE vehicle are all the same bubble icon. They should be different icons.**  Vehicle Catalog  * **If I click on the “check out our catalog” link at the bottom of the page, the catalog page opens. But it doesn’t scroll in any direction. Also, the drop down lists for the brand of car and model of car are impossible to use.**    + **I can’t get to the catalog link any more. It’s unaccessible at the bottom of the page.**  **Add padding** * **If I click on any specific car, The detail tab that opens up doesn’t fit correctly on the page. There’s a blue button at the bottom of the page that’s not visible. Also, the image carousel at the top of the detail page ignores clicks and swipes on the images.**    + [**https://photos.app.goo.gl/fekMcizbvtn3eK2Q6**](https://photos.app.goo.gl/fekMcizbvtn3eK2Q6)   + [**https://photos.app.goo.gl/L2droVvxSyKdeqwM6**](https://photos.app.goo.gl/L2droVvxSyKdeqwM6) * **Overall, clicking on a car in the catalog often doesn’t work or is VERY slow. Similarly, trying to click back into the overview page takes ages or just doesn’t work. I have video of that.** * **Will the catalog update from the updated list of vehicles? Has to.**  My Routes  * **Deleting a route is SLOOOW. Could be an API waking up? Sometimes nothing happened for tens of seconds. Also, if I delete a route, a spinner appears on the next route down (or up) that I didn’t touch. I have video of that.**    + [**https://photos.app.goo.gl/1s3R4u4dPhWXLVyK9**](https://photos.app.goo.gl/1s3R4u4dPhWXLVyK9) * **If I click on a route, the initial map is also centered at 0,0 and zoomed too far out. Should be centered on Britain at an appropriate zoom level. Center on UK first and then zoom in to the route** * **Also, the app is VERY slow to render the page. It takes about 10 seconds to show the map of a route. The API call is never more than a couple of seconds even for the longest routes.**  My Match  * **The initial view of my match seems always to have 100-250 miles as the recommended range, irrespective of the stats of my journeys or of adding or deleting journeys. Default values of the filter should be the same as the MyStats** * **Add bottom padding (also to the My Vehicles page)** * **Filter is not returning correctly filtered cars (range is off) it might be filtering by Km instead of Mi** * **Reset filter coming back (to the default ones based on My Stats)** * **The car details shown only include the model. Under that the text “Full make information” appears in two rows.** * **If I adjust the filter, then leave and return to the My Match page, the range has been reset to 100-250. Even if I have been nowhere near the “reset filter” button.** * **The recommended range for John allows the minimum range to be higher than the maximum range, i.e. he sees a recommended range of 410.44 – 350 miles.**    + **Additionally, those numbers should be rounded to the nearest whole number.** * **Adjusting the filters does not seem to adjust the results on the my-match page. Even with minimum 169 miles, I am still shown cars with a max range well below that number (I have screenshots)**   + [**https://photos.app.goo.gl/hnJkRwfDcTzuCnWx5**](https://photos.app.goo.gl/hnJkRwfDcTzuCnWx5)   + [**https://photos.app.goo.gl/HzrxDXYLXDm7g6Bd8**](https://photos.app.goo.gl/HzrxDXYLXDm7g6Bd8)   + It seems it’s the units. Filter needs to be checked * **The filters on the page don’t match the types of cars in the database. If there’s been a consolidation behind the scenes, that could be fine, e.g. if “liftback sedans” are included as “hatchbacks”. Otherwise there are cars that will be left out of the filters.** * **There’s an “i” icon on the vehicle pages that doesn’t seem to do anything. Looks like it should be an “info” button.** * **Where is the email going for the “book a test drive” function? I never get it. I thought it was going to info@qmobility.com?**  Account Settings  * **Accessing that menu item always crashes the app. And after the crash I have to go through the introductory screens again, and log in again. Only on Hugh’s gmail** * **See video (see under profile)**  General App (Icon, links, etc)  * **We have an updated Eve logo. It’s the same as before, just with a purple tinge at the edge. I’ll send separately.** * **Can we include a link to eve.one in the side menu? Called (link to eve on the web?)** Will receive new logo. * **Generally often very slow.** * **Generally often hard to click on things (destinations, cars)** * **We should go through it together and tweak some minor text things too. Small work, but doing it together will be best.**  App Store Deployment  * **We’re not going to put the app on the appstores at the moment, so no work needed for that. But we need to get it working properly so we can share with investors.** |

#### General deployment comment

* **Hugh needs to be able to make builds on a regular basis, so that he can see the changes and can run off an emulator. At the moment he can’t build the app. I’ll make bug fixing a lot easier**
* **Perhaps, if he could also make changes (e.g. to text) that could reduce the amount of work for CleverIT**

**Arithmetics (check the units!!)**

**Total miles = trip dist \* 2 \* frequency**

**Avg trip length = (trip distances \* by their frequencies) / amount of trips**

**Max trip length = biggest trip distance**

**Min trip length = shortest trip distance**

**Min Range Req = Min recommendation   
Idle = 100 – what’s on the there rn**