# Risks and Open Issues

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| **Date** | **Risk or Issue Description** | **Potential Impact** | **Mitigation/Resolution Steps** | **Status** |
| 2019-01-23 | Overcommitment, promise too much | Not meet requirements, unsatisfied client, tarnished BCIT reputation, stress on us | Be concrete in establishing requirements and as specific as possible, constant communication, feedback system | Closed |
| 2019-01-23 | IOS port | Will cause additional work, as well as a chance that we would all need to learn a lot more in addition to what we have | Discuss with Reese for only an Android app.  Reese agreed to only an Android app. | Closed |
| 2019-01-23 | School | Harder/harsher school weeks may cause some deliverables to be delayed | Try to keep on top of school assignments, and helping each other out whether it be on school work or project work | Closed |
| 2019-01-23 | Follow-up with Judy for Bluetooth Beacon Brands | May delay the Bluetooth beacon testing as we need to relay the information to Reese, who would then need to purchase the beacons | Emailed Judy as a follow-up | Closed |
| 2019-01-24 | Create scoping document for Reese to review | Defines what basic, core and additional functionalities are, as well as which items are what | Oliver has written up a draft and has messaged Reese for a follow-up | Closed |
| 2019-01-29 | Get tracking number from Reese for Bluetooth Beacons | Will need to ask UPS for brokerage for the Bluetooth Beacons when they come into customs. Will also affect delivery date of the beacons themselves, possibly delaying implementation/testing | Have asked Reese for tracking number, however there seems to be some issues on his end.  Awaiting response on Reese | Closed |
| 2019-01-29 | Research about cloud services to host database on | US and Canada have different privacy law, need to figure out which service we will use, and where those servers will be located | Henry will look up potential candidates for the server, and where those servers are located | Closed |
| 2019-01-29 | Setting up database using PHP & MySQL | As a team, we have not implemented a database, so will be something new to all of us | Henry/Harman will be working on the database end, and will research on that. Will start early on database | Closed |
| 2019-02-02 | Bluetooth beacon technology | New technology being introduced to group. Also has a hardware component that may cause issues | Oliver will gather information and test the technology. If any issues are encountered, we can contact | Closed |
| 2019-02-02 | Location services with Android studio | Need to display location on a map GUI, as well grab coordinates of the user | Work is done on locating the user, but some issues exist on some devices. Our Android instructor (Medhat) is available to help if needed | Closed |
| 2019-02-02 | Creating a user manual | Will need to create a user manual at the end of the project for both business owners and users | We do have experience in creating instruction sets, but will likely need to communicate back and forth between Reese and Judy for feedback | Open |
| 2019-02-06 | Basing GUI off of provided wireframe | Will base the GUI of the android application off of the provided wireframe | Wireframe may have some errors or issues that may not be visible right away, thus will base off of the wireframe rather than create an exact copy | Closed |
| 2019.02-13 | Non-technical understanding of workflow | Client may not have the best understanding of how the workflow works even if we document it to the best of our abilities | We will schedule a physical meeting with the client to ensure that he understands our vision of the project | Closed |
| 2019-03-31 | Field testing in TSQB | We may run into complications mimicking the applications capabilities in our demo environment, need to be able to show functionality without moving large distances | We will test in the environment ahead of time to ensure functionality is enabled | Closed |
| 2019-04-25 | Implementing a “new” GUI | Client may disagree with some design choices. Also we are not graphic designers so we may not make the best choices either. | Will communicate with the client as much as possible to ensure that the vision is aligned as much as possible | Open |
| 2019-04-25 | Getting/Uploading an Image to s3 | Needed a way to get and upload images. Will use s3 to store the images.  Will need to do Java to upload to s3.  Then need to do ec2 grabbing from s3 | Read as much documentation as possible, and do a lot of test cases | Open |
| 2019-04-25 | Bugs from Stage 1 | Found some bugs from Stage 1 | Will fix and take more measures in test cases to reduce the amount of bugs in the future | Open |
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