Contribution Scale:

1. **Preliminary/One-off**: worked on early testing or other one-off changes.
2. **Minor**: worked on small changes occasionally for most of the project duration.
3. **Significant**: between Major and Minor contributors. Closer to the Major end?
4. **Major**: main contributor, key contact for changes/assistance.

Code Repository Link: <https://github.com/TrebleStick/MailBot>

Adel (afh115):

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| **#** | **Contribution** | **Scale** | **Code/Files/Details** |
| 1 | ROS Package Setup | Major | Handled the installation and setup of packages. Including: lab book(s), source compilation, package specific calibrations and config files.   * **MailBot/movement/kinect2\_cal\_data/** [Kinect 2 calibration photos – no longer used] * **install\_iai\_kinect2.sh** : Kinect 2 driver installation steps * **install\_rgbd-launch.sh** : Kinect 1 driver installation steps * **HCRLabBook.odt** : Lab Book incl. solutions to errors, key command line scripts etc. * **AnyInstalls.odt**: Lab Book for installations * **MailBot/movement/catkin\_ws/src/mailbot/config**: all of these EXCEPT: weights.csv |
| 2 | ROS launch file creation | Major | Handled the creating and specifics of launch files. Including: remapping of arguments, transform trees, order and time-delays.   * **MailBot/movement/catkin\_ws/src/mailbot/launch**: all of these |
| 3 | ROS Mapping | Major | Handled map creation and evaluation (with Ryan). Established necessary transforms and sensor setup for effective mapping.   * Actual RTAB-MAP map database (.db) not stored in the repository due to its large file size |
| 4 | ROS Navigation | Major | Handled the creation and refinement (with Ryan) of navigation. Subsequently investigated and implemented alternative navigation parameters (such as those suggested in public repositories) to investigate performance.   * **MailBot/movement/catkin\_ws/src/mailbot/launch/ nav.launch & nav2.launch**: And these script dependencies. nav2.launch are the alternative parameters investigated. |
| 5 | Bluetooth Communication | Preliminary | Got Bluetooth connection and send and receive working. |
| 6 | Design Report | Significant | Proof read.  Sections: 3 (Finding References) | 4.2 | 7.2  Figure Creation (Fig 1,2,3) |
| 7 | Final Report | Significant | Proof read.  Sections: 4.2,4.2.1,4.2.2 | 6.3 | 7.2.1  GitHub Documentation and Tidying |