The top-level code file is createRobotAgent.m. Please use the provided flow chart and code comments to explain the code functionality. The Expert FLC is provided as robot\_final.fis. Training data from the FLC is also provided in the training\_data folder.

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| **Date** | **Version** | **Designer** | **Modifications/Remarks** |
| 1/11/20 | 1.0 | H. Cameron | Initial creation |
| 22/5/21 | 2.0 | H. Cameron | Parameters and reward values updated for ECTE458 |