# Diary of Petros Mavridis

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| Date | *04-03-2015* |
| **Action** | *Was asked to join the group by Kresimir as a chief programmer* |
| **Time Expected** | *N/A* |
| **Time Taken** | *N/A* |
| **Problems** | *N/A* |
| **Solution** | *N/A* |

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| Date | *04-03-2015* |
| **Action** | *Read through the assignment 1 pdf*  *Started to take my own notes on what is needed.* |
| **Time Expected** | *30 minutes* |
| **Time Taken** | *30 minutes* |
| **Problems** | *None* |
| **Solution** | *N/A* |

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| Date | *05-03-2015* |
| **Action** | *Started looking in to using a GUI for the assignment first thought is to use Qt, will bring it up in our next team meeting.* |
| **Time Expected** | *2 hours* |
| **Time Taken** | *2 hours* |
| **Problems** | *Installing Qt on a Mac is a little troublesome.* |
| **Solution** | *Ended up downloading from Qt a package that comes with an IDE called Qt Creater.* |

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| Date | *20-03-2015* |
| **Action** | *Thought of some questions to ask about if a GUI was to be used or if command line tool is sufficient.* |
| **Time Expected** | *30 minutes* |
| **Time Taken** | *1 hour* |
| **Problems** | *Distracted by other subjects work.* |
| **Solution** | *Better manage my time with calendar entries.* |

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| Date | *24-03-2015* |
| **Action** | *Had a group meeting where I brought up about using a GUI in particular Qt.*  *Helped with the setup of Github during tutorial.* |
| **Time Expected** | *15 minutes* |
| **Time Taken** | *15 minutes* |
| **Problems** | *Working out how to invite others to the repository.* |
| **Solution** | *Read the help documentation and online tutorials.* |

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| Date | *02-04-2015* |
| **Action** | *Started going through Qt tutorials on creating applications.* |
| **Time Expected** | *2 hours* |
| **Time Taken** | *4 hours* |
| **Problems** | *No real problem I allocated only 2 hours but got involved with some of the tutorials and watching videos on Qt* |
| **Solution** | *N/A* |

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| Date | *05-04-2015* |
| **Action** | *Want to create a basic application in Qt where a user can register and login to an account.* |
| **Time Expected** | *2 hours* |
| **Time Taken** | *1 hour.* |
| **Problems** | *I needed a database for Qt to play nice.* |
| **Solution** | *I created a free account with Enigio which is a cloud service and acts as a backend that keeps a database for users login accounts.* |

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| Date | *10-04-2015* |
| **Action** | *Coding for registering and logins of users* |
| **Time Expected** | *1 hour* |
| **Time Taken** | *30 minutes* |
| **Problems** | *Internet issues* |
| **Solution** | *Had to wait for my network to return at home* |

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| Date | *15-04-2015* |
| **Action** | *Create a business case* |
| **Time Expected** | *4 hours* |
| **Time Taken** | *6 hours* |
| **Problems** | *Took a little longer than expected trying to find exactly what is needed and what is relevant for our assignment.* |
| **Solution** | *Read lecture notes and Google.* |

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| Date | *18-04-2015* |
| **Action** | *More coding in the GUI environment* |
| **Time Expected** | *4 hours* |
| **Time Taken** | *4 hours* |
| **Problems** | *Still some trouble with the backend for user accounts* |
| **Solution** | *More research on Qt documentation to make it work.* |

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| Date | *20-04-2015* |
| **Action** | *Have finally successfully created the backend database for Qt GUI to have users register and login* |
| **Time Expected** | *30 minutes* |
| **Time Taken** | *1 hour* |
| **Problems** | *I was using the wrong ID associated with the database.* |
| **Solution** | *Use the right ID.* |