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| Diploma in Computer Engineering  Intelligent Automation (INAUTO) |  |

**INAuto Project Proposal Form**

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| Team Name: | **OCD** | Class: PE04 |
| Team Members: | Nicholas Joo | |
| Nagul Singh | |
|  | |

Pls tick on the boxes:

RPA Focus Area

Utilities  Facilities  Education  Health Care  Web Application 

Finance  Others, please indicate  \_\_\_Phone\_\_\_



**Brief description of your RPA App:**

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| Using UiPath to create an app that will scrape data the prices of iPhones from e-commerce websites such as Amazon, Shopee and . The user will choose the iPhone they want to buy, and the program will search that product on multiple websites and obtain the name and price. Then the data will be stored in a csv file and the price will be sorted in ascending order for the user to see without going to multiple websites. |

**Workflow Design, Flowchart Design & Datatable Structure**

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| **Workflow Design**  *Attached together in zip folder*  **Flowchart Design**    **Data Table Structure**  Data table is saved with columns “Name”, “Price” and “URL” and sorted by ascending order based on “Price”. |

**Development Works:**

* Students are to work in pairs. Your tutor may allocate the grouping or students may be allowed to form their own group. Each student in the group must contribute 50% towards the project implementation. Interviews will be conducted to find out how much each student has contributed. If any student does not contribute enough, he/she will fail the project.
* A workshare table must be submitted to show distribution of effort.

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| **Work done** | **Action by** |
| Data scraping | Nagul |
| Sort data of items | Nicholas |
| Comparison of item prices | Nicholas |
| Layout design | Nagul |
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**Project Planned Schedule**

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| **Week** | Planned Tasks | Action By |
| **e.g. week 10** | Layout Design | Team member: by Alex |
| 7 | Research on e-commerce websites | Both members |
| 8 | Draft project report | Both members |
| 9 | *Term Test Week* (Plan the flow of the app) | Both members |
| 10 | *Term Break* (Data scraping from website using UiPath) | Nagul |
| 11 | *Term Break* (Sort data after scraping from websites) | Nicholas |
| 12 | Doing comparison of different prices of products | Nicholas |
| 13 | Layout design | Nagul |
| 14 | Final project report | Both members |
| 15 | Final project report + touching up final app | Both members |
| 16 | Project demo | Both members |
| 17 |  |  |

**Approved** **/ Rejected**  **/Re-Submit** 