**Budget Item and Justification**

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| **Item** | **Budget** |
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| **Survey**  For the survey analysis, we need a sample of 150 participants to enable us to run reliable statistics analysis. Since we plan to distribute our surveys to the accounting practitioners and professionals in Australia, the U.K and Vietnam, we request the payment of a token of appreciation (a AUD$70 gift voucher) to each participant. The payment of an incentive to participants is a gesture of appreciation for their time and effort required to complete the survey instrument.  Our budget of $10,500 is calculated, based on 150 participants \* $70 gift vouchers | **10,500** |
| **Integrating data analytics and computer programming**  We intend to build an open repository of education resources including gathering of data sources, data coding, and analyses.  Our budget of $23,060 is calculated based on 400 hours to complete this task. The breakdown of the hours are as follows:  Basic Python codes and libraries - 20 hours  Set-up of Python environment in Google colab and Replit - 10 hours  Dataset preparation for data analytics with pandas - 20 hours  Collection of financial reports from ASX firms for textual analysis - 20 hours  Automate emails and text messages from Twilio- 20 hours  Automate invoice document parsing for auditing – 20 hours  Automate pricing tracking of inventory – 20 hours  Build a virtual assistant using AI – 20 hours  API calls for financial statement analysis – 25 hours  Event study- 25 hours  Natural language processing (NLP) and textual analysis – 50 hours  HTML/CSS - 50 hours  Web scrapping and interaction using Beautiful Soup and Selenimum- 50 hours  Machine learning models, data preparation, and assessments - 50 hours  According to the latest Monash University Enterprise Agreement, the casual academic research assistant rate is $57.65 ($48.93/hour, rate including 17.8% on-costs after December 2021). So the total is around $23,060 (400 hours x $57.65 per hour). | **23,060** |
| **Case study**  We intend to explore how the data analytics case study materials impacts student perceptions of analytical skills development in auditing/accounting education. Students who complete the case study will be invited to participate in this study. We request the payment of a token of appreciation (a AUD$10 gift voucher) to each participant.  Our budget of $4,000 is calculated, based on 400 participants \* $10 gift vouchers. | **4,000** |
| Research assistant in coding the survey qualitative data (approx. 50 hours @ $57.65/hour (rate after December 2021+ on‐costs of 17.8%)) | **2,883** |
| Research related expenses (such as hardcopy survey postage costs, travelling costs) | **2,000** |
| **GST (10%)** | **4,244** |
| **Total + GST** | **46,687** |