

## TABLE OF TABLES

Table I. 1 Comparison of 2019-2021 Tracer Study Results .....	4
Table II. 1 Comparative research .....	17
Table II. 2 ERP modules .....	23
Table II. 3 Difference between Odoo and SAP .....	24
Table II. 4 Business process modelling notation .....	28
Table II. 5 Use case diagram notations guide .....	30
Table II. 6 Comparison of the ASAP Method with other Methods .....	35
Table IV. 1 Research Division .....	45
Table IV. 2 Timeline .....	45
Table IV. 3 Completeness of alumni data .....	53
Table IV. 4 Completeness of alumni data .....	62
Table IV. 5 Stage pipelines .....	66
Table IV. 6 Gap and Fit analysis .....	75
Table IV. 7 Tracer Study business process analysis .....	77
Table IV. 8 BRS: Problem/impact/successful .....	78
Table IV. 9 BRS: Objectives .....	78
Table IV. 10 BRS: Risks .....	79
Table IV. 11 BRS: Assumptions .....	80
Table IV. 12 BRS: Issues .....	80
Table IV. 13 High level business requirements .....	80
Table IV. 14 Functional requirements .....	82
Table IV. 15 Non-Functional requirements .....	83
Table IV. 16 Business impact assessment .....	84
Table IV. 17 User classes and characteristic .....	85
Table IV. 18 Hardware interface .....	90
Table IV. 19 Software interface .....	90
Table IV. 20 Use case scenario create a questionnaire .....	93
Table IV. 21 Use case scenario WhatsApp integration installation .....	93
Table IV. 22 Use case scenario survey distribution via Email Blast .....	94
Table IV. 23 Use case scenario survey distribution via WA Boomer .....	94
Table IV. 24 Use case scenario alumni filling questionnaire form .....	95

Table IV. 25 Use case scenario access pipeline analysis .....	96
Table IV. 26 Use case scenario checking history resultt .....	96
Table IV. 27 Use case scenario follow up questionnaire form .....	97
Table IV. 28 Use case scenario generate dashboard .....	98
Table IV. 29 Use case scenario access dashboard report.....	98
Table IV. 30 Software quality attributes .....	110
Table IV. 31 Business rules .....	111
Table V. 1 List of questions .....	114
Table V. 2 Evaluation of design results .....	116
Table V. 3 Validation of design results.....	121