

IT Project - Pixel Pentagon	5
Team Details	6
Roles and Responsibilities	7
Decision Making Process	9
Decision Log	10
Decision Changes Log	12
Communications	13
Internal Communications	14
Communications Detail	15
Stand-up	16
W3 - Stand Up	17
W4 - Stand Up	18
W5 - Stand Up	20
W6 - Stand Up 1	22
W6 - Stand Up 2	24
W7 - Stand Up	26
W8 - Stand Up 1	28
W8 - Stand Up 2	30
W9 - Stand Up 1	32
W9 - Stand Up 2	34
WBreak - Stand Up	36
W10 - Stand Up	37
W11 - Stand Up	39
W12 - Stand Up	41
Sprint Planning	42
W3 - Sprint Planning	43
W6 - Sprint Planning	45
W9 - Sprint Planning	47
Sprint Review	50
W6 - Sprint Review	51
W12 - Sprint Review	54
Retrospectives	56
W6 - Retrospective	57
W9 - Retrospective	59
W12 - Retrospective	61
Additional Meetings	63
Meeting notes in space	64
W1 - Meeting	66
W2 - Meeting	70
W3 - Meeting	74
W4 - Meeting	76
W5 - Meeting	79
W6 - Meeting	81
W7 - Meeting	83
W8 - Meeting	85

W9 - Meeting	87
WBreak - Meeting	88
W10 - Meeting	90
W11 - Meetings	93
W12 - Meeting	94
External Communication	96
Email Communication	97
Email 1	98
Email 2	100
Email 3	102
Email 4 & 5	103
Client Meetings	105
Client Meeting 1	106
Client Meeting 2	108
Client's Remarks	111
Client Meeting 3	112
Client Meeting 4	113
Feedback	115
Supervisor Feedback	116
Peer Feedback	118
Product Brief	120
Frontend Information for display and interaction	122
Functional, Non-Functional, and Out of Scope Requirements	124
Epics and User Stories	128
Jira Documentation	131
Transcript Example	135
Architecture Documentation	136
Architectural Goals and Constraints	137
Logical View	139
Process View	142
Development View	143
Physical View	144
Front-end Documents	145
Design Process	146
Research and Discovery	147
Guideline Researches	148
Market Analysis	150
Prototypes and Wireframes	152
Web Flow Routing	153
Wireframes	155
Low Fidelity Prototype	159
Client's Prototype	162
Interactive Prototype	167
Design Language System	175
Development Process	177

Development Plan	178
Event Handler	179
Refinement	182
Libraries and Framework	187
Material UI	188
Review	195
Design Review	196
First Version	197
Back-end	203
AI Character Customisation Research	204
Research on Tech Stack	206
Chat-Bot Tools and Hosting Research	211
Research on AI Tools	212
Web Hosting Options Research	217
Research on Platforms for Chat-Bots	221
LLM Comparison	227
Database	230
MongoDB Setup Guide	231
Database Research	238
Primary Database	242
LLM Service Collection	245
Files Collection	246
Mongo.ts Documentation	247
Embeddings.ts Documentation	257
Research about Authentication	263
Research about Auth0	265
Research about Firebase	269
Budget Documentation: Cost Breakdown	270
Prompt Engineering Documentation	271
REST API Doc	273
Transcript.ts Documentation	280
Summary.ts Documentation	285
RAG	289
Security	291
Code & Repo Standards	292
Prettier & ESLint Extensions	294
GitHub Conventions	297
GitHub Actions	299
Version Control	300
Source Code file structure	301
Testing	302
Frontend Testing	305
Frontend Testing Result	307
Backend Testing	313
Integration Tests	314

Acceptance Test	332
As a Student, I want to log in and conduct interviews	333
As an Educator, I want to provide a data package for LLM retrieval	340
Unit Tests	342
GitHub Testing	362
Heroku Deployment	363
References	368
Reference List	369
Handover Documents	379
AI API Cost Calculator	381
Features	384
Features by Sprint	392
Frontend Design	393
Figma - Design	402
Project Overview and Stakeholder Information	403
Known Issues and Future Works	405
For Developers	407
Change Logs	409
Authentication and Authorisation	411
Demo Video	412