Department	Duty	Responsibilities	Constraints	Duty Required?	Score	Penalty (%)	Criteria
Marketing	Marketing	Attract customers with an industry standard cost of conversion	Must remain within 10% of budget; conversion cost must be within 20% of industry standard		7	10	Exceed budget by 1% or conversion cost by 5%
Sales	Conversions	Convincing customer to purchase	Each month's conversions must either match or exceed that of the previous year's		5	4	Is applied after third straight month; compounds monthly
Sales	Negotiation	Negotiating a high price	Price cannot fall below an established minimum;	Yes	4	NA	NA
Accountants	Bookkeeping	Maintain finances	Must be in accordance with GAAP & legal constraints	Yes	16	20	Breaks the law
Profilers	Psychological assessment	Create a numerical representation of a chosen personality	Use the Big Five Model	Yes	15	NA	NA
Profilers	Knowledge Approximation	Represent a person's knowledge	Resultant chatbot and Gan must pass a Turing Test 50% of the time; approximation must be storable within a database	Yes	14	25	Penalty applied for every 5% deviation
Software	Develop Chatbot	Create the Chatbot	Resultant chatbot and GAN must pass a Turing Test 50% of the time	Yes	17	25	Penalty applied for every 5% deviation
Software	Develop GAN	Create network that informs chatbot	Resultant chatbot and GAN must pass a Turing Test 50% of the time; incorporates PyPsych library	Yes	18	25	Penalty applied for every 5% deviation
Software	Develop GUI	Develop a convenient user interface (Text & Audio)	User must be able to send questions and receive answers within 30 seconds using either text or audio	Yes	13	15	Penalty applied for every 5% deviation
Software	Integrate Chatbot & GAN	Enable the chatbot and GAN to communicate with one another	Communication must occur within five seconds; the GAN informs the chatbot	Yes	12	10	Penalty applied for every 3 second ecess
Hardware	Casing	Enclose the hardware in a durable shell	Withstands temperatures of up to 160 degrees, Can withstand blunt force equivalent to 1,200 Newtons	Yes	11	8	Penalty applied for every 10% deviation
Hardware	Design	Arrange the necessary hardware	Should weigh three pounds	Yes	10	2	Penalty applied for every .6 lb deviation
Hardware	Encoding	Store information provided by the profilers and software team	Must include all information provided by software designers and profilers	Yes	9	10	Penalty applied for every 5% of data lost
Hardware	Powering	Must possess battery and charger	Device must weigh roughly three pounds	Yes	8	2	Penalty applied for every .6 lb deviation
Call Center	Q & A	Handles Q & A	Wait times of < 5 minutes; Average satisfaction rating of > 2.5 stars (out of 5)		3	5	Penalty applied for each minute beyond 5 or for each .5 stars below 2.5
Call Center	Refunds	Records and facilitates refund requests & Returns	Wait times of < 5 minutes; Average satisfaction rating of > 2.5 stars (out of 5)		2	5	Penalty applied for each minute beyond 5 or for each .5 stars below 2.5
Call Center	Redirects	Sends callers to relevant departments	Wait times of < 5 minutes; Average satisfaction rating of > 2.5 stars (out of 5)		1	5	Penalty applied for each minute beyond 5 or for each .5 stars below 2.5
Call Center	Follow-Ups	Contacts customers after purchase	Wait times of < 5 minutes; Average satisfaction rating of > 2.5 stars (out of 5)		6	5	Penalty applied for each minute beyond 5 or for each .5 stars below 2.5
					Potential Score = 171		
					Passing Score = 137		