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IAAD/CAAAAAQAAAACAAAAAAAAAAEAAP8AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAH/AAAB/gD+AAMAAAABAAD/AgD/AAAAAAACAAL/AAACAgAAAQD9AAQEAQACAAAAAQAAAAUDBQAB/wEAAf8AAP36AAAA/QEAAP0CAAL/AwAFBQgAAwIBAPf4/QDx8fEAAwUEAAgJCAD4+PUA9vb7AAoIBAAAAP8ABAQCAAQDBAD/AAAA/wACAAICBAAAAP8AAQAAAAEA/wAAAAEA///9AP4CAwD+AQIA/AACAP4BAgD/AQAAAwD/AAIBAAD/AP4AAv8CAAEAAAABAAAAAAAAAAAAAAD+AAAAAAEAAAABAAD+AQAAAwAAAAAAAAAAAQAAAQAAAAEAAAAC/wAAAf8BAAEBAwD+Af4A/wIAAP4BAAAC/gEAAv4BAAT+AgAB/wIABQAAAAUAAgD9/v0AAAP/AAAB/wAA/v4ACQIHAAH//gAA//8AAAD/AAUAAgAB/v8AAgMBAAEDAgD6Af8A+QIBAAACAQACAQEAB/wBAAH8AAADAAEAAQIAAPn/AQAAAP8AAvz8AAD+/gADAQIAA/8AAAMCAAABAAMAAP/9AAQBAgABAP4AAgH/AAMBAAABAPwAAf8BAAEAAQAD/wEA/v8AAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEBAQABAQEAAQEBAAAAAAAAAAAAAAH+AAAAAwAAAAAAAAABAAEAAAAAAAIAAQD+AAMBBQAA/vsAAwIFAP77/gABAAAA//8BAAAAAwAA//4A/v4BAAMDAwD5+wIA4OLtAM/U4QAIChQABAj5APX3/AADAgQACQgIAAEA/AD8+vYA2dvoAM/P2gDi5e4AV1RKACgpFwAIBwgA/f8AAAMDAQAA//4AAAD+AAQG/AAVGA4A8fH7AP8AAwAAAAUAAAAEAAD/AAAAAAEAAAD/AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABAAAAAQAAAAEAAAAAAAAAAAEAAAAAAAEAAQABAAAAAAAAAAEAAAAAAQAAAQAAAAEAAAABAAAAAAABAAEAAQAFBQAACQoJAAUFBAD7/PsA+vv6AAABAAAAAwAA/P/9APz9/AAGCggAAgMCAPr7+AD/Af8AAwQCAP///gD/Af8A/wAAAAAAAQAAAAEAAAAAAAAAAAABAAAAAAAAAAABAAAAAAEAAAABAAABAQAAAQEAAAABAAABAQAAAAAAAAAAAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAQAAAAEAAAAAAAEAAAABAAAAAQAAAAEAAAABAAEAAQABAAEAAgABAAIAAAABAAAAAAEAAAABAAAAAAAAAAAAAAIAAAACAAAAAQAAAAAAAAABAAAAAQAAAAEAAAAAAAAAAAEAAAAAAQAAAQAAAAEAAAEAAAAC/wEAAv8AAAIAAAAAAAEAAAAAAAIAAAAAAAAAAAAAAAEAAAABAAAAAQAAAAEAAQABAAAAAQAAAAABAAABAAAAAQD/AAEAAAABAAAAAQAAAAEAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEAAQAAAAEAAAABAAIAAQABAAAAAgABAAEAAAAAAAEAAQAAAAEAAAACAAEDAwD+AAAAAQQLAAMGDgAFCRAABAgPAAIFDQABAwoAAAMKAPP2/QD9AAgABggQAA8TGQDv8/kArLC1AKuvtgD7+wAAAwMDAPz9/QD+AP4ABAMEAAAAAQAKCwwAGxseAAAAAwAA/wMAAP8CAAD/AQAAAAAAAAD/AAAA/gAAAP4AAAD+AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAB48wKAAAIABJREFUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAQIAAAAB/gABAv4A/v/7APn79QD2+fUA/wD8AAgMBwD6/vgAAQL+AAIFAgAFBwMABAUCAPv++gD4+vcA/gD8AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/wAAAQAAAAEAAAABAAAAAQAAAAEAAAAAAAAA/wAAAP8AAAD+AAAA/gAAAP4AAAD/AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP4AAgD7/QEA+/0BAPv8AwD9AAUA/v8EAP3+AQD+/wIAAwQGAAIEBQD+AAIA/P8AAO7w8QD+AAAACQ0NAOrr7QDi5OQA+Pn9AAAB/wAAAP8AAQABAAABAgAAAQIABgQMAPPx+QAA/wUAAP8FAAAABAAAAAIAAAAAAAAA/gAAAP4AAAD9AAAA/wAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP7/AAD3+PIA+/z2AAYIAgAJCgYAAgT/AP3/+gACAvwAAAL9APr79QABAfsACAkEAAIE/wD7/PYAAAH6AAcHAwAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABAAAAAQAAAAH/AAAA/wAAAAAAAAAAAAABAAAAAAAAAAABAAAAAQAAAAEAAP8BAAD/AQAAAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEA/wAAAP8CAAAAAgQAAQMFAP//AgD7/f8AAQICAAgJCAAEBgYACQoIAAoKCgD/AQAA+vz7APr++wD6/fwAAgQCAAcIAgAAAAAABQUDAAEAAQD49/sAAP//APz8AgDd3OQA//0GAAD/BgAA/wUAAP8DAAAAAgAAAAAAAAD9AAAB/gAAAP8AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABAAACAAAA/v72APj28AAGBwIABQgLAP79AQD49/oA+vrzAAECAwDx7/QA//78AAcGAgD59/8A+Pf0AAIA+QD29e8AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/wAAAf8AAAH/AAABAAAAAQAAAAEAAAAAAAAAAAAAAAAAAAAAAAAA/wAAAAAAAAD+AQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAMDAAD/AQAAAgMCAAMCAAD+/vsA/Pj1AP8AAgABAgQAAAECAPX19AD//gcACQkDAAAC/AD28vEADQ8IAB0eGAAEBQEA+vv5AAMEBQABAAAA//8CAAAAAAD19PsA//4FAAD/BwAAAAcAAAAEAAAAAQAAAP4AAAH+AAAB/gAAAP8AAAECAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAv8AACEeFQAzMScABAYJAP7/AQACBAkA/P4AAPz/AAAGBQgA+fn3AAECAAAFAgEA+fn1AAoKGQD5+fcABwX+AAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAQAAAAEAAAABAAAAAP8AAAD/AAAB/wAAAP8AAAAAAAAAAAAAAAAAAAABAAD+AQAA//8AAP4AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA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AAAD6+/sACQ0JAAYGBgAA+fkAAAQFAAQEAwAAAAAAAAEBAAD6+gD8/PwAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/wABAPz+AgD+/v8ABQUIAOzs8AD29fwACAgKAPv7AQAMCwwA8/b2AAAAAAACAwIAAQH/APv9+wD8/vkACAgHAA0LCwAIBAgAAQEDAAAA/wD8/fwAAgIAADIzKgASEhMA+v4CAKytuAADA/wACQwSAPv7+AD+/gMACw0JAAMCBQD+/gAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAD/AAIA7fH3AKWqswDJyc4ACAsNAAQFCgD8AAEAAQEGAPz9/gD7/P0ABgYFAAMCAQD39/IAAQAAAAUGAAD7+fgATUxFAFBPRQACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACgkJAOXl5QAgLicAAwYGAP0AAAD///8AAQQDAAEB/wAAAAAAAQEBAAAAAAAAAAAAAP7/AAD//wAB/wAAAAAAAPz8/AAFAQMAAAAAAAIDAwABAQEAAP/+ABocHAAmJiYAAAQEAAAAAAD///8A/fz/AAUBAQAABwcABAQEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP4AAgD/AgMA/AAAAO3t9wCys7wAzs3TAAEBBQD08vgACwsOAP3+AAAAAAEAAQIDAP8B/gD6+/gA/QD9AAwLCgAREQsAeHBoAAMCAAABAwEAAgICAAgICAD/Av4AICIZAFBRSADKy88A4+XvAAAA+wABAv8A/Pz7AAICDQACAgQA/f0BAAQCAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/wAAAAYKBQDX3eUAu8LKAA8QEwAICg4A9/v8AAD/AwD6/f8AAwQFAAEBAQABAP4A/P34AP/8+wAFBgEA/Pv5ADM3NwD/AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAYGBgDNzc0AGDozAAgWCQAAAQAA/f39AAUFBAAAAf8AAAEBAAAAAAAAAAAAAAAAAAEAAAAAAAAAAP//AAMDAgD9/PwABAECAAAAAAACAgIA/f78AP8AAAAbGxsAGzExAAADAwAAAAAA/f3+APv8/gAFCAYAAAICAO7u7gAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAD/AQMA/gACAAADAQD3/P0A0tfhAL3CzAAIBw0A9/P5AAwPEQD8/P8A/f0AAAAAAAAAAgAA/QD9AP0A/gAGBQUADQsBAB4WrwBcWE4ACg4JAPDy8AAREA8A/P8BAAMAAAAjIx0ATE1HAKGjrQD8/fkACQgHAPf3+wD9/f4A/f0AAAQFAwAAAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAgAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAD/AAAA/wEAAf8AAAAAAAAAAP4AAAAAAAAA/gAAAAAAAAABAAAAAQAA/wEAAAAAAAAAAAAAAAAAAAD+AAAB/wADCAYA9PgAAPr9AwAFCRAA/wMKAPX4AgD4/AYAAwYPAAEDCwD7/QYA/P8IAAUHEAADCA0A/gEJAPL2/QACBQoAAAAAAAAAAQAAAAAAAAABAAAAAAD/AAAA/wAAAP8AAQAAAAAAAAAAAAD/AAAA/wAA/wAAAP4AAAD+AP8A/gAAAP4A/gAAAAAAAAAAAAAAAAAAAAAAAQAAAAAAAAAAAAAAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/gAAAP4AAAD//wEAAAABAAAAAAACAAAAAAD/AAAA/wD/AP8A/wD+AP/9/QAC/wAA1MzNAPTo6wAA+fsAAv8AAPr8/QAAAQEAAAD+AAAB/wD8A/8A+wIAAPoD/gD7Av8A/gD+AAAA/gAEAwIAAf4AAP///wD8Af8A+gD/APT7+gD2/fwACRAQAAYTEQD9+/sA/wEAAAQEAwAHBQMAAP3+APXl5QDKxcUAAv4AAAD/AAD+AAAA/gABAP4AAAABAP8AAf8AAAL/AAAB/wAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP4AAAD/AAAAAAAAAAAAAP8BAAD/AQAAAAAAAP8BAAAAAAAAAAEAAAAAAAAAAAABAAAAAP8CAPv+AAD/AAAABwgHAPr8BQD09gAA/gAIAPwCCgD9AAoA/wMMAPr+BwD3/QUA+wAKAAAEDgABAw0A+PsFAO/w+gCamqEAs7O2APPx8wAJBwkAAAD/APn69AABAQAADgwDAEFAOgABAfoA8vDtAAMDAAACAwEA+/v8AAD+AgAJCAsAAQEBAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAoqh1sQAAIABJREFUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAB/wMAAP8CAAEAAQABAP4AAQD/AAEA/QAAAP4AAAAAAAAAAgAA/wMAAP8EAAD/AAAAAAAAAAAAAAAB/wAAAAAAAQAAAPv7/wAICQ4AAP8EAPn4/wAHBAwABAMMAAD+CQAA/QgABAILAAH/CAD//QYAAgEIAAD9BAADAgYA//wBAAQAAAADAAEAAQABAP8AAgD/AQEA/AABAP0BAQD+AAEAAAAAAAEAAAACAP8AAQD+AAAB/gD/AP8A/QL+AP0D/gD+AQAA/gAAAP4AAAAAAAAAAAAAAAEAAAAC/gAAAv4AAAH+AAAA/wAAAP8AAAD/AAD+AAAA/wAAAP8BAAD/AQEAAAIDAAIBAwAEAAIABAABAAI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9APz5/QADAwMABAQEAAMDAwD///8A/v7+AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGCAgACv4OAP8GBQDs7/AAsbW0AAEHBwAHDQwAWmFiAAAsLgDk7ewA9P79ABUXGAA5Q0EAEDs7APLW1ACwpqYAzs7LAAQEAgBJR0oAMUlFABgqLAA5Pj4A4+arAAADBAD8+fwA7dbXAK6ssAD8//sAAP4AAAkLCQDn5ukAJy4rAFhubQD28vIA0tfZAO3y8gAqJCYASltbABwoJgDi09QA3MTCALa2tAD+/PsAODIyAC0nJwC7ubsA8unsACceHwD36usAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAf8A4+LhABoWFQBZWUwAVlRIAA8OAQAA/gAA/P/7AAMCAAABAf4AAAAAAP8AAQD/AAAA/wACAP8AAgAAAAEAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/wAAAAAAAAACAAAA/gAAAAAAAAABAAMDAQDz8fQACwwLAAwJAwDz9f0ABwkBAFxcUgD7/wIAs7XJAPT2AAD3+PgA/v79AAAAAwABAQAAAQEBAP39/wABAQEAAAAAAAAAAAAAAAAAAAAAAAAAAAAA/wAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAD/AAAA8fLyAPwAAAACAgMABggJAOPm5QD4//8ACBAQAP8PDwAABgYABg0NAAIICAD0+/kAGB8eAAAPDgDDwcEAw8bHAB8XFgDr5+YAxL3AANrV1gBeX2AAMDM4AMq+xgDy8vAABP4DAP7x+ADr4OQA+/37APv6/QAJDAkA8fHyAAgvMAAAEhcA2L/DALqytgAMBQgAS0NHACpJTQDuurkAjYF/ABcWFAAXDhIA9vPyAM/GygDbyM8ACQMDABAGDADy6e0ABwAAAAAAAAAAAP8AAAAAAAAA/wAAAP8AAAAAAAAA/wAAAAAAAAAAAAAAAAAAAAAAAAD/AAAAAAAAAAAAAAAAAAAA/wAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA//8AAAAAAAAAAAAAAAEAAAAAAAABAAAA/wAA/wAAAAAAAAABAAAAAAEAAAAA/wAA/wAAAAAAAAAAAAAAAP4A//37AAsIBwBXVVEAY19IAAgGAQAB/wAABAIAAPHx9QAPDgkAAQAAAAAAAAD/AAAA/wAAAAAAAAD/AAAAAQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABJL2s7AAAgAElEQVQAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAP8AAAA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**BÀI TẬP NHÓM**

**MÔN HỌC: QUẢN LÝ QUY TRÌNH NGHIỆP VỤ**

GVHD: ThS. Nguyễn Thị Thu Hà

Nhóm thực hiện: Muốn tốt nghiệp

Lớp học phần: D01

*Tp. Hồ Chí Minh, 04 tháng 07 năm 2024*

|  |  |  |
| --- | --- | --- |
| Họ và tên | Mã số sinh viên | Phần trăm hoàn thành |
| Nguyễn Thị Thúy Vi | 030237210209 | 100% |
| Nguyễn Thị Thùy Dung | 030237210058 | 100% |
| Nguyễn Thị Minh Ngọc | 030237210126 | 100% |
| Trần Thị Tường Vy | 030236200200 | 100% |
| Sú Thị Hồng Mỹ | 030237210114 | 100% |
| Trần Minh Nhung | 030237210138 | 100% |

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# LỜI CẢM ƠN

Đầu tiên, chúng em xin chân thành cảm ơn trân trọng nhất đến với Cô Nguyễn Thị Thu Hà- giảng viên đứng lớp, người đã giúp chúng tôi được tiếp nhận, học hỏi các kiến thức của môn học một cách rõ ràng nhất, là người đã chỉ dạy, giúp đỡ tận tình chúng em trong suốt quá trình học và thực hiện báo cáo.

Ngoài ra, xin cảm ơn tất cả thành viên trong nhóm vì đã cùng nhau làm việc, học tập trong suốt các tuần vừa qua, cùng nhau họp nhóm, liên kết và vượt qua các vấn đề với nhau, đưa ra hướng tốt nhất và hoàn thiện nhất để hoàn thành báo cáo cuối kỳ này. Mặc dù chúng em đã có nhiều cố gắng. Song, do khả năng và thời gian có hạn cùng một vài yếu tố khách quan khác nên không tránh khỏi sự khiếm khuyết nhất định về nội dung và hình thức. Chúng em rất biết ơn và mong nhận được những ý kiến trao đổi và đóng góp của cô.

# Tổng quan

## Giới thiệu về Circle K

Được thành lập năm 1951 tại bang Texas (Mỹ) qua sự kiện Fred Hervey mua lại ba cửa hàng Kay’s Food Stores El ở Paso. Circle K hiện tại là một chuỗi cửa hàng tiện lợi có uy tín trên khắp thế giới với hơn 16.000 cửa hàng. Tại Việt Nam, Circle K là chuỗi cửa hàng tiện lợi quốc tế đầu tiên và cửa hàng đầu tiên được khai trương vào ngày 20 tháng 12 năm 2008.

A store front with a red sign

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Hình 1.1: Cửa hàng Circle K

## Quy trình bán hàng đến thu tiền tại Circle K

Nhân viên chào khách hàng khi khách hàng bước vào cửa hàng, sẽ có hai trường hợp là khách hàng đổi trả hàng hoặc mua hàng. Khi khách hàng đã chọn xong sản phẩm và mang sản phẩm đến quầy thanh toán, nhân viên bán hàng sẽ kiểm tra các chương trình khuyến mãi. Khi đó, nhân viên sẽ nhanh chóng xác định xem những mặt hàng nào đang trong chương trình khuyến mãi và tiến hành up-selling (gợi ý thêm các sản phẩm khuyến mãi phù hợp với lựa chọn ban đầu của khách hàng, giới thiệu các combo tiết kiệm,...) Kỹ năng này yêu cầu nhân viên bán hàng phải nắm rõ thông tin các sản phẩm.

Nếu khách hàng đồng ý mua thêm sản phẩm trong chương trình khuyến mãi thì nhân viên sẽ quét mã sản phẩm đó để thanh toán nếu không thì sẽ tiến hành thanh toán ngay lập tức. Sau khi quét mã các sản phẩm được khách hàng mang ra thanh toán, nhân viên xác nhận tổng số tiền hiển thị trên máy POS, đảm bảo tổng số tiền thanh toán chính xác với các mặt hàng đã mua. Tùy theo phương thức thanh toán mà khách hàng chọn, nhân viên sẽ có cách xử lý khác nhau:

* Nếu khách hàng thanh toán bằng tiền mặt: Nhân viên nhận tiền mặt từ khách hàng, đưa lại tiền thừa (nếu có) và in hóa đơn cho khách hàng.
* Nếu khách hàng có nhu cầu thanh toán bằng ví điện tử: Nhân viên yêu cầu khách hàng quét mã QR thanh toán điện tử của cửa hàng. Khi xác nhận thanh toán thành công thì in hóa đơn cho khách hàng.
* Nếu khách hàng có nhu cầu thanh toán bằng ngân hàng: Nhân viên sẽ yêu cầu khách hàng quét mã QR thanh toán hoặc nhập số tài khoản của cửa hàng. Khi xác nhận thanh toán thành công thì in hóa đơn cho khách hàng.
* Nếu khách hàng có nhu cầu thanh toán bằng thẻ ngân hàng: Nhân viên mời khách hàng quẹt thẻ ngân hàng vào máy Payoo, yêu cầu khách hàng nhập mật khẩu. Khi xác nhận thanh toán thành công thì in hóa đơn cho khách hàng. Khi quá trình thanh toán hoàn tất thì in lại một hóa đơn khác, đính ghim cùng với hóa đơn giữ lại từ máy Payoo và bỏ vào két.

Trong trường hợp khách hàng có nhu cầu đổi trả, nhân viên sẽ kiểm tra xem hóa đơn có còn trong trường hợp đổi trả hay không (hóa đơn phải nguyên vẹn, không bị chắp vá, sửa đổi và còn trong thời hạn xử lý - trong ngày) và hàng hóa có nhu cầu đổi đáp ứng các tiêu chí như: tình trạng nguyên vẹn, đầy đủ phụ kiện và bao bì, và nằm trong chính sách đổi trả. Nếu xét thấy đáp ứng đủ tiêu chí đổi trả, nhân viên sẽ đáp ứng yêu cầu khách hàng. Nhân viên cập nhật đơn hàng đổi trả và thực hiện hoàn tiền hoặc đổi sản phẩm cho khách.

Để đảm bảo chất lượng phục vụ, nhân viên cửa hàng Circle K sẽ thực hiện quy trình kiểm kê, quản lý hàng hóa ở kho, trưng bày sản phẩm lên kệ sau khi vào ca làm việc 30 phút (có 3 ca làm việc: 6h00 - 14h00, 14h00 - 22h00, 22h00 - 6h00). Quản lý chi nhánh sẽ kiểm tra hạn sử dụng, chất lượng của từng mặt hàng vào lúc 6h30 - 7h00, và đặc biệt chú ý đến top sản phẩm bán chạy nhất. Nếu nhân viên phát hiện bất kỳ vấn đề nào, chẳng hạn như hàng sắp hết hạn hoặc số lượng hàng tồn kho thấp thì họ sẽ báo cáo với quản lý chi nhánh để đặt hàng. Khi có nhu cầu đặt hàng, quản lý chi nhánh sẽ đặt hàng trên máy tính

Quy trình đặt hàng về để bán được thực hiện bởi quản lý chi nhánh và được thực hiện vào ca 1, hàng được đặt sẽ giao vào ca 2 lúc 21h00-22h00. Quản lý chi nhánh sẽ thông báo cho kho tổng của Circle K và lập đơn hàng chi tiết. Đơn hàng này sau đó sẽ được gửi đến kho tổng của Circle K để xử lý và cung ứng hàng hóa cho cửa hàng. Khi hàng được giao từ kho tổng đến chi nhánh, quản lý sẽ tiến hành kiểm tra bằng cách quét mã vạch PO trên sản phẩm đại diện, hoặc quét từng sản phẩm, hoặc quét trên bill bằng handle key. Nếu thông tin đơn hàng trùng khớp thì nhận không thì không nhận đơn hàng.

# Process Landscape Model của Circle K

## Value Chain

A diagram of a diagram

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Hình 2.1: Process landscape model của Circle K

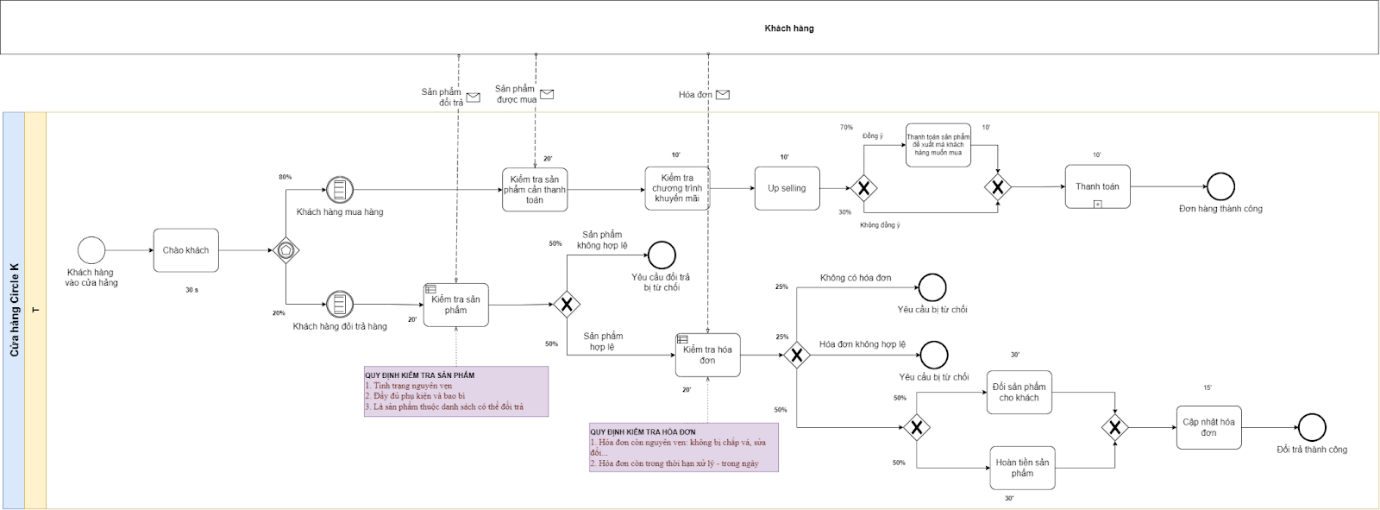
## Process Profile: Quy trình bán hàng đến thu tiền (Core Process: Dịch vụ ăn uống)

Bảng 2.2: Process Profile quy trình bán hàng đến thanh toán của Circle K

|  |  |
| --- | --- |
| **Name of process:** Quy trình bán hàng đến thanh toán tại Circle K | |
| **Vision:**   * Trải nghiệm mua sắm toàn diện, hiệu quả và thỏa mãn của khách hàng: đảm bảo khách hàng đều nhận được sự phục vụ nhanh chóng, chuyên nghiệp và thân thiện. Đáp ứng nhu cầu của khách hàng với danh mục sản phẩm phong phú và luôn sẵn có. * Hiệu quả vận hành: Tối ưu hóa quy trình bán hàng, giảm thiểu thời gian chờ đợi và tăng tốc độ phục vụ. Kết hợp công nghệ hiện đại để nâng cao chính xác trong giao dịch và quản lý hàng hóa. * Tối ưu hóa doanh thu: Thực hiện hiệu quả các chiến lược up-selling để tăng giá trị đơn hàng trung bình song song đó là các chương trình khuyến mãi để thu hút và giữ chân khách hàng. Việc quản lý tồn kho hiệu quả sẽ giúp giảm thiểu lãng phí và tối đa hóa lợi nhuận. * Xây dựng lòng trung thành của khách hàng: Cung cấp dịch vụ vượt trội cùng với đó là xử lý nhanh chóng và hiệu quả các yêu cầu đổi trả hay khiếu nại. Các chương trình dành riêng cho khách hàng thân thiết được tạo ra để khuyến khích khách hàng mua sắm trở lại. Danh mục sản phẩm được liên tục cập nhật để đáp ứng nhu cầu và thị hiếu của khách hàng. | |
| **Process Owner:** Quản lý chi nhánh | |
| **Customer of process:**   * Khách hàng mua sắm trực tiếp tại cửa hàng | **Expectation of customer:**   * Dịch vụ nhanh chóng, thuận tiện * Đảm bảo cửa hàng luôn có hàng hóa đa dạng * Khách hàng được mua với giá hợp lý cùng với chương trình khuyến mãi hấp dẫn * Nhân viên phục vụ chuyên nghiệp * Xử lý nhanh chóng các yêu cầu đổi trả hoặc khiếu nại |
| **Outcome:**   * Quá trình bán hàng hoàn tất * Khách hàng hài lòng với sản phẩm và dịch vụ * Tăng doanh số và lợi nhuận cho cửa hàng * Xây dựng lòng trung thành của khách hàng | |
| **Trigger:** Khách hàng vào cửa hàng, tiến hành mua sắm hoặc yêu cầu đổi trả | |
| **Activities:**  1. Chào đón khách hàng.  2. Hỗ trợ khách hàng tìm kiếm sản phẩm (nếu cần)  3.  Kiểm tra chương trình khuyến mãi và thực hiện up-selling  4. Tiến hành thanh toán và gửi hóa đơn cho khách hàng  5. Đóng gói hàng hóa (nếu cần)  6. Xử lý yêu cầu đổi trả (nếu có) | |
| **Interfaces inbound:**   * Quy trình quản lý hàng hóa * Quy trình quản lý chương trình khuyến mãi * Quy trình định giá sản phẩm   **Interfaces outbound**   * Quy trình thanh toán * Quy trình đặt hàng * Quy trình cập nhập kho hàng * Quy trình báo cáo doanh số | |
| **Required resources:**   * **Human resources**: Nhân viên bán hàng, Thu ngân, Quản lý chi nhánh * **Information, documents, know-how**: Danh mục sản phẩm và giá cả cập nhật, Chính sách khuyến mãi hiện hành, Quy trình thanh toán chi tiết, Chính sách đổi trả và xử lý khiếu nại, Hướng dẫn sử dụng hệ thống POS. * **Work environment, materials, infrastructure:** Hệ thống POS, máy quét mã vạch, handle key, khu vực trưng bày sản phẩm, Hệ thống thanh toán đa kênh (tiền mặt, thẻ, ví điện tử, ngân hàng), Hệ thống camera an ninh, Kết nối internet ổn định, Hệ thống quản lý tồn kho realtime. | |
| **Process Performance Measures:**   * Thời gian xử lý giao dịch trung bình * Doanh số bán hàng theo ngày/tuần/tháng * Giá trị trung bình cho mỗi giao dịch * Tỉ lệ up-selling thành công * Mức độ hài lòng của khách hàng (thông qua khảo sát khách hàng) * Tỷ lệ quay vòng hàng tồn kho * Số lượng khách hàng mỗi ngày * Tỷ lệ chuyển đổi (số khách hàng mua hàng/số khách vào cửa hàng) * Tỷ lệ lỗi trong quá trình thanh toán * Thời gian chờ đợi trung bình tại quầy thanh toán để khách hàng được thanh toán * Tỷ lệ đơn hàng bị yêu cầu hoàn trả | |

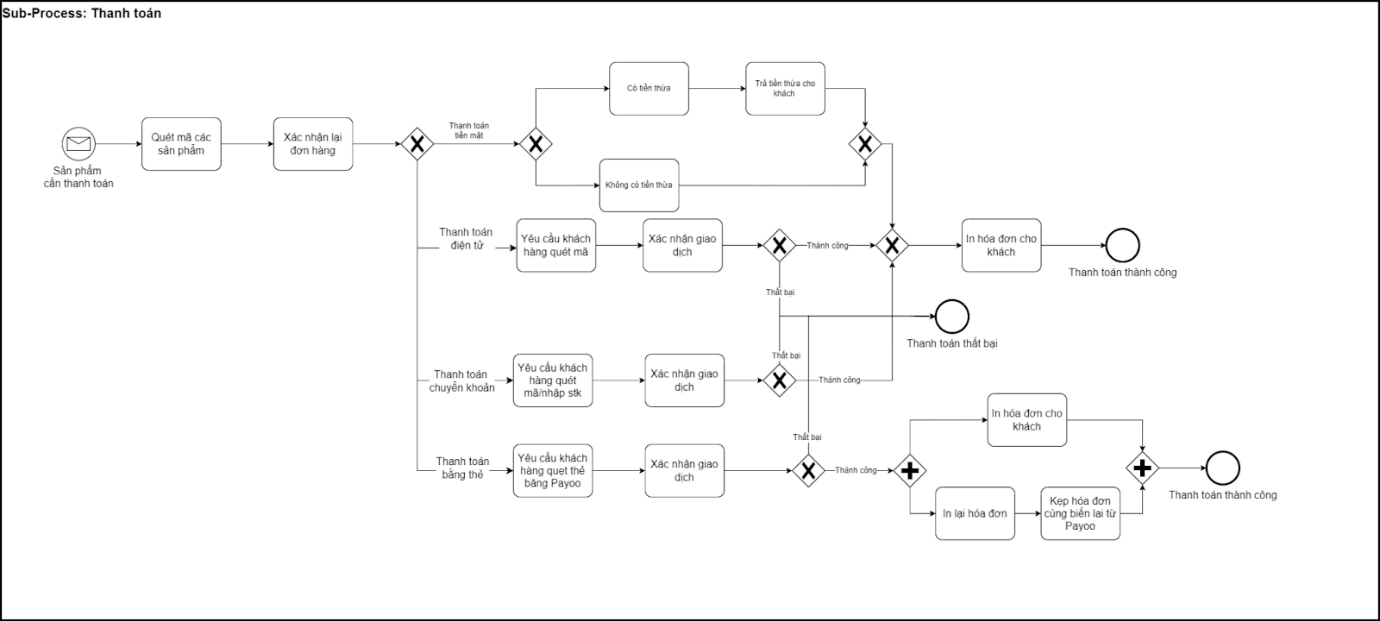
# As-is Model

## Quy trình bán hàng và xử lý đổi trả của Circle K

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Hình 3.1a: Quy trình thanh toán - đổi trả

**Sub-Process: Thanh toán**

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Hình 3.1b: Quy trình con: Thanh toán

## Quy trình kiểm kê và đặt hàng tại cửa hàng Circle K

**A screenshot of a computer

Description automatically generated**

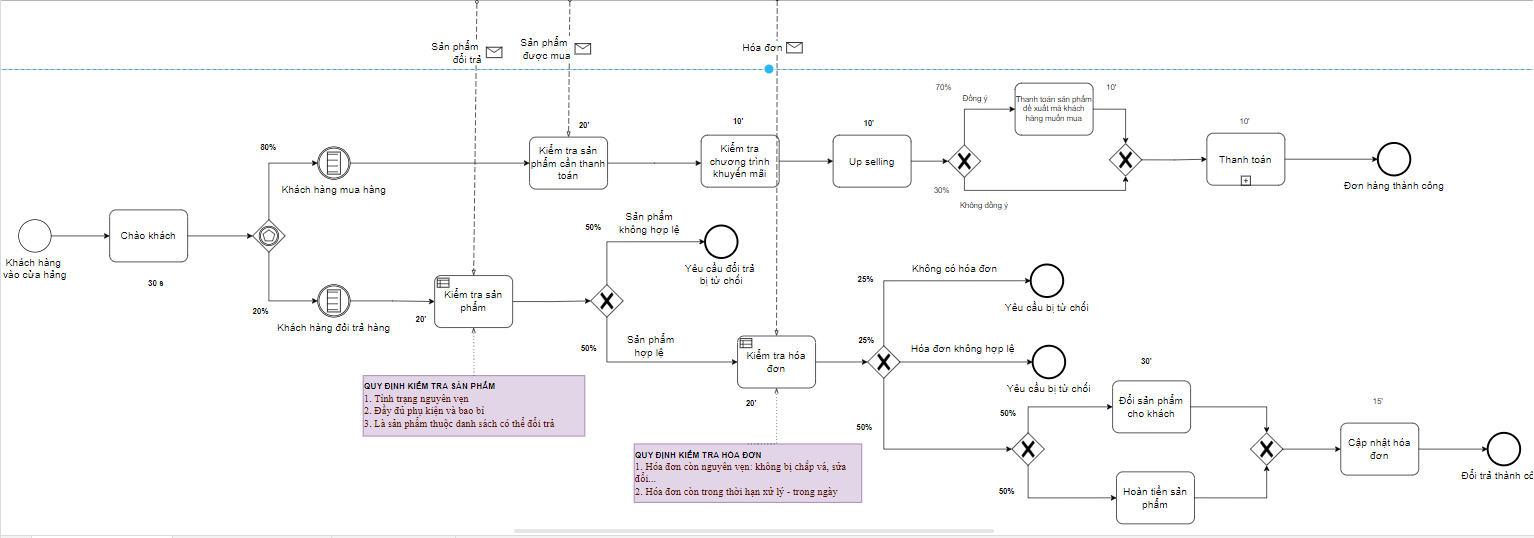
Hình 3.2: Quy trình kiểm kê - đặt hàng

# Bảng VA, BVA, NVA

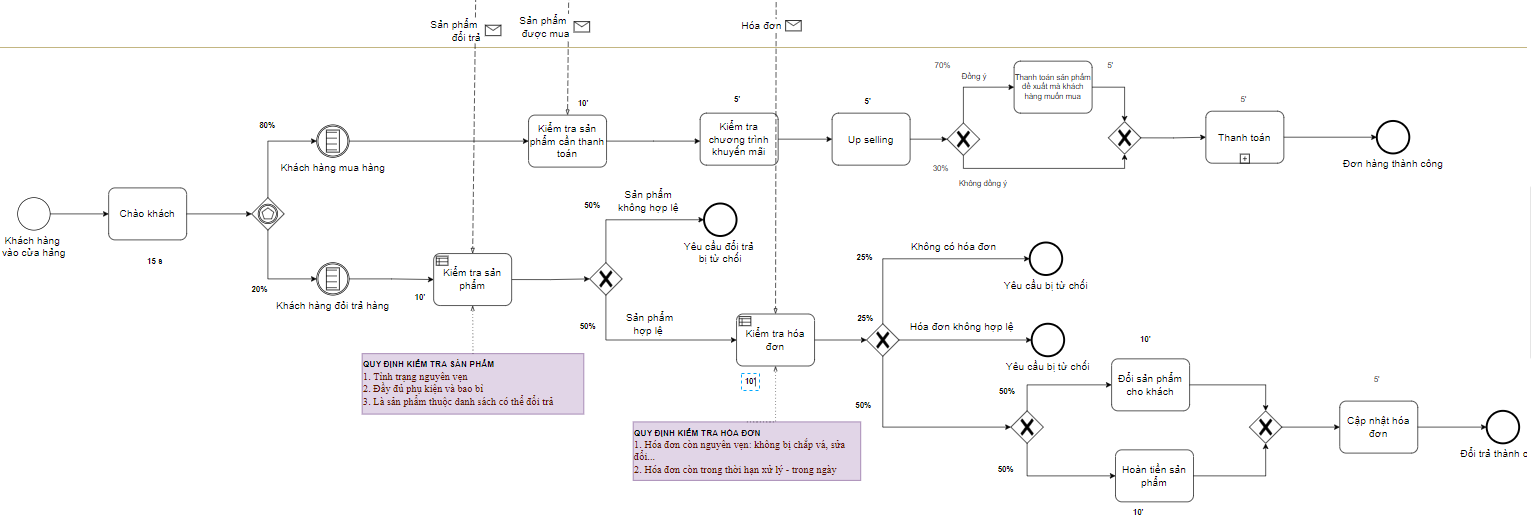
Bảng 4.1: Bảng VA, BVA, NVA

|  |  |  |
| --- | --- | --- |
| **Step** | **Performer** | **Classification** |
| Thanh toán điện tử | Khách hàng | VA |
| In hóa đơn cho khách hàng | Nhân viên | VA |
| Khách hàng đổi trả hàng | Khách hàng | VA |
| Up selling | Nhân viên | BVA |
| Kiểm kê hàng trong kho | Nhân viên | BVA |
| Lập đơn đặt hàng | Nhân viên | BVA |
| Trả lại tiền thừa | Nhân viên | NVA |
| Trưng bày sản phẩm lên kệ | Nhân viên | NVA |
| Kẹp hóa đơn từ biên lại từ payoo | Nhân viên | NVA |

# Chu kỳ thời gian của quy trình bán hàng và xử lý đổi trả

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**Cycle time** )

****

**Processing time**

**Cycle time efficiency**

# Cải tiến và tái thiết kế lại quy trình

## Vấn đề cải tiến

**Quy trình cần cải tiến:** Quy trình kiểm kê và đặt hàng

**Những hạn chế của quy trình:**

1. **Tần suất kiểm kê không hợp lý**: Nhân viên thực hiện kiểm kê hàng hóa mỗi 30 phút đầu ca làm việc có thể gây chậm trễ và áp lực cho nhân viên. Kiểm kê quá thường xuyên trong một ngày sẽ gây mệt mỏi và không cần thiết, làm giảm thời gian phục vụ khách hàng, đặc biệt trong các giờ cao điểm.
2. **Phụ thuộc quá nhiều vào quản lý chi nhánh**: Quá trình kiểm tra hàng hóa và đặt hàng phụ thuộc nhiều vào quản lý chi nhánh. Nếu quản lý bận rộn hoặc có quá nhiều nhiệm vụ cùng lúc có thể gây chậm trễ. Khi quản lý chi nhánh chịu trách nhiệm chính trong cả việc đặt hàng và kiểm tra hàng hóa, sự thiếu sót hoặc sai sót dễ xảy ra.
3. **Thời gian đặt hàng và nhận hàng chưa tối ưu**: Quản lý đặt hàng cần thiết vào ca 1, nhưng hàng hóa được giao vào ca 2 (21h00 - 22h00), điều này có thể gây ra tình trạng thiếu hàng nếu lượng tiêu thụ lớn trong ca 1. Sự chênh lệch về thời gian này không đảm bảo rằng hàng hóa được bổ sung kịp thời, chưa tính đến trường hợp quá trình vận chuyển gặp trục trặc.

## Quy trình sau cải tiến

Nhân viên cửa hàng Circle K sẽ thực hiện kiểm kê và bổ sung hàng hóa trên kệ mỗi ngày vào các khung giờ ít khách hàng của mỗi ca: 10h00-11h00, 15h00-16h00 và 02h00-04h00. Họ kiểm tra số lượng hàng hóa trên kệ, bổ sung hàng hóa từ kho nếu cần thiết, và đảm bảo hàng hóa được sắp xếp gọn gàng, đúng quy định.

Hàng tuần, quy trình kiểm kê kho hàng được thực hiện từ 6h00-8h00 sáng thứ Hai. Quản lý chi nhánh phân chia nhiệm vụ kiểm kê cho các nhân viên. Nhân viên kiểm tra toàn bộ các mặt hàng trong cửa hàng và kho (số lượng, hạn sử dụng, tình trạng,...), chú ý đặc biệt đến các sản phẩm bán chạy nhất. Sau khi hoàn thành, kết quả kiểm kê được tổng hợp và lập báo cáo gửi cho quản lý chi nhánh. Quản lý chi nhánh sẽ điều chỉnh số liệu trên hệ thống và lập kế hoạch bổ sung hàng hóa nếu cần.

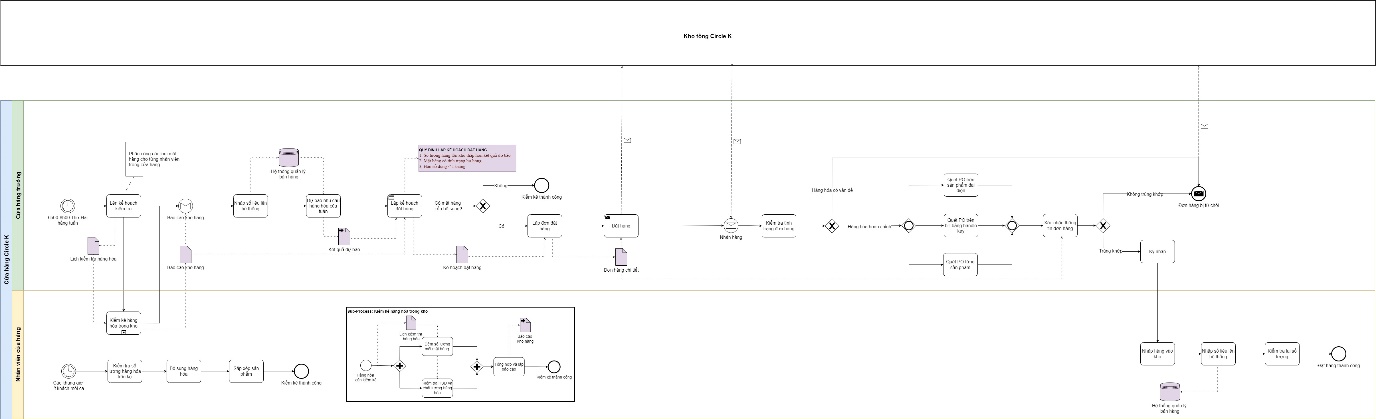
Quản lý chi nhánh sử dụng dữ liệu từ hệ thống quản lý bán hàng để dự báo nhu cầu hàng hóa hàng tuần. Dựa trên dữ liệu dự báo và kết quả kiểm kê hàng tuần, quản lý chi nhánh lập kế hoạch đặt hàng, xác định các mặt hàng cần đặt bổ sung (số lượng tồn kho thấp hơn dự báo, hạn sử dụng < 1 tháng, sản phẩm có tình trạng hư hỏng,...) và số lượng cần đặt. Đơn hàng được tạo chi tiết trên hệ thống, kiểm tra lại để đảm bảo đúng số lượng và mặt hàng cần đặt, sau đó gửi đến kho tổng của Circle K.

Hàng sẽ được giao trong vòng 24 giờ sau khi đặt hàng. Khi hàng đến, quản lý chi nhánh kiểm tra đơn hàng nhận  và xác nhận hàng hóa bằng cách quét mã vạch PO trên sản phẩm đại diện, hoặc quét từng sản phẩm, hoặc quét trên bill bằng handle key. Nếu thông tin đơn hàng chính xác thì nhận đơn hàng, ngược lại sẽ thông báo lại cho kho tổng. Sau khi nhận hàng, nhân viên nhập hàng vào hệ thống và kiểm tra lại số lượng hàng đã nhận.

**Lợi ích của quy trình cải tiến so với quy trình cũ:**

* **Tối ưu hóa thời gian và nguồn lực**: Thực hiện kiểm kê và bổ sung hàng hóa vào các khung giờ ít khách giúp nhân viên tập trung phục vụ khách hàng trong giờ cao điểm.
* **Kiểm soát hàng hóa tốt hơn**: Kiểm kê và bổ sung hàng hóa mỗi ca làm đảm bảo kệ hàng luôn đầy đủ, tránh tình trạng thiếu hụt sản phẩm nhưng vẫn đảm bảo nhân viên có đủ thời gian để thực hiện mà không làm gián đoạn hoạt động bán hàng.
* **Cải thiện hiệu quả đặt hàng**: Quy trình đặt hàng hàng tuần giúp đảm bảo hàng hóa luôn có sẵn trong kho, tránh tình trạng thiếu hụt sản phẩm.
* **Lập kế hoạch hiệu quả**: Thông tin từ báo cáo giúp quản lý chi nhánh lập kế hoạch bổ sung và đặt hàng chính xác, phù hợp với nhu cầu thực tế của cửa hàng.

## Mô hình tái thiết kế



Hình 6.3: Mô hình tái thiết kế quy trình kiểm kê - đặt hàng

# KẾT LUẬN

Mô hình hóa quy trình nghiệp vụ của Circle K là một ví dụ điển hình về sự hiệu quả trong quản lý và vận hành doanh nghiệp. Nhờ áp dụng mô hình này, Circle K đã đạt được thành công lớn trong thị trường bán lẻ Việt Nam và trở thành một trong những chuỗi cửa hàng tiện lợi được ưa chuộng nhất hiện nay.

Ngoài những điểm chính trên, mô hình hóa quy trình nghiệp vụ của Circle K còn có thể được đánh giá cao bởi tính linh hoạt, khả năng thích ứng với sự thay đổi của thị trường và nhu cầu của khách hàng. Đây là một mô hình tham khảo cho các doanh nghiệp trong lĩnh vực bán lẻ nói chung và chuỗi cửa hàng tiện lợi nói riêng.