# Mohamed Hani Aly

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## Education

**Bachelor of Science, Management Information Systems,** Arab Academy for Science & Technology & Maritime Transport (AASTMT), July 2021
**GPA:** 3.1/4.0
**American Diploma**, Manor House International School, June 2012

## Relevant Experience

**Book Rental System, AASTMT, Sept. 2020-July 2021**
• As part of the graduation project, designed a system to handle customer information and book orders, and designed an associated website that was both functional and elegant with a user-friendly UI.
• Created a multi-leveled Data Flow Diagrams (DFD) with an accompanying Entity Relationship Diagram (ERD) for the system using Microsoft Visio & other diagraming tools.
• Developed the backend using PHPmyAdmin, PHP & MYSQL, and the frontend using HTML, CSS & JavaScript.
• Performed market research and analysis of bookstores in Egypt & their platforms to evaluate opportunities and determine the appropriate entry point.
• Conducted interviews with people who worked in known bookstore chains in Egypt to get a better understanding of the competition in the market.
• Prepared & conducted a survey to end-users to determine the most frequently used methods for book ordering whether that is brick & mortar or online.
• Assigned tasks to team members and developed a Gantt & PERT chart to plan & manage tasks while maintaining the project's timelines.

**Comparison of Organizational Structures & Design of Oil Companies, AASTMT, Nov. 2020-Feb 2021**
• Examined the impact of the business model for Royal Dutch Shell, Total SE & British Petroleum on their resource management and their profits.
• Analyzed the companies' integrated gas, upstream and downstream ventures, and compared the successes and failures of their operations.
• Developed a SWOT analysis for each company and determined which company had more advantages in the market
• Studied the structural & contextual dimensions of each company to determine the best-functioning company.
• Analyzed the supply chain networks of the companies to understand how the structure can influence cost-saving initiatives.

## Computer & Linguistic Skills

• Excellent use of Microsoft Office Suite
• Good knowledge of HTML, CSS, JavaScript, SQL & PHP
• Fluent in both written and spoken English and Arabic