

Internship Evaluation & Reporting

Thank you for taking the time to complete this form, this evaluation will be used to assess the student's participation in the internship program.

Supervisors, using the form below please evaluate the student who interned with your organization, institution, or business. You can fill out this form electronically or you can fill it manually but eventually it must be signed and stamped from the company's side.

Please note that part I & III should be completed by the intern, part II should be completed by the direct supervisor in the company.

Part I. GENERAL INFORMATION – STUDENT'S INPUT

Student Info:

Student Name: Sarah Farag Adam GUC Student ID No.: 43- 15601

Faculty: Media Engineering and Technology Major: Computer Science

Student Mobile No.: +20 1099522164

Internship Info:

Company Name: TeBAS

Core Industry/Business: Application development Country: Egypt

Supervisor Name: Nabila Zaki Supervisor Job Title: Application Development Manager

Supervisor Tel. No.: +20 (2) 3336-7200 Supervisor Mobile No.: +20 (106) 553 2002

Supervisor E-mail: nzaki@e-tebas.com Training Department(s): Software Development

Source of internships: (1) SCAD office (2) (on my own) (3) Referrals from GUC TA/Dr. (4) Recruitment website (5) others:

Work Place: (1) Organization (2) Head Office (3) Branch (4) Factory (5) Site (6) Others: Remote

Part II. EVALUATION AND COMMENTS – DIRECT SUPERVISOR'S INPUT

Period of Internship (dd/mm/yyyy) (dd/mm/yyyy)
From: 10/9/2021 **To:** 20/2/2022

Internship nature (Enrollment Status)

xx Part time Please specify, no. of Days per week: 4 hours per day : 5

Full time Please specify, no. of Days per week: hours per day :



For SCAD internal use only

Serial no.

SCAD Comment

Academic Reviewer Comment

Academic Reviewer Signature

☐ Accepted ☐ Rejected

Reason of rejection:

Signature:

Please evaluate student's performance by marking the appropriate box:

For each of the following aspects, please mark the box in the rating scale that most closely corresponds to your evaluation of the profile of the student during the internship period. Please also feel free to offer comments and suggestions for changes and improvements in the space provided at the end of the form.

1=Unsatisfactory 2=Below Average 3=Satisfactory 4=Above Average 5=Excellent

	1	2	3	4	5	NA
Skills & Professional Attributes						
Ability to adapt to change			X			
Analytical skills				X		
Collecting data/ research data skills			X	X		
Creativity			X			
Follow up skills					X	
Interpersonal skills with peers, supervisors, and clients			X			
Problem solving				X		
Punctuality				X		
Reporting skills			X			
Responsibility and accountability			X			
Stress handling			X			
Taking initiatives		X				
Teamwork			X			
Time management				X		
Other:						
Technical Background						
Technical Knowledge			X			
Compatibility of technical skills with the job			X			
Other:						
Command of Languages						
Arabic					X	
English					X	
German						X
Other:						

1=Unsatisfactory	2=Below Average	3=Satisfactory	4=Above Average	5=Excellent
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	1	2	3	4	5	NA
Computer Programs & Databases Please use space below in specifying the program/software used during the internship and evaluate student's performance accordingly						
JavaScript, Node JS				X		
MongoDB			X			
QR Code Scanners			X			
Visual Studio Code				X		
HTML, CSS				X		

Overall Evaluation of Student's performance and profile					
Unsatisfactory	Improvement needed	Meets expectations	Exceeds expectations	Exceptional	NA
		X			

General Comments & Recommendations: (kindly mention intern potentials, areas of further development or technical constraints encountered during the internship period)

I loved how passionate and excited this student was to learn and improve and listen to feedback from this experience. He clearly shows promise when it comes to thinking about the problem, formulating ideas and templates for the work he does, and always delivering on time.

	Yes	No	Maybe
Do you think similar candidates would fit in the Organization culture and qualify for job needs?	X	€	€

Student Signature:

Sarah Farag

Date:

// 25/2/2022

Supervisor Signature:

Nabila Zaher

Date:

// 25/2/2022

Part III. INTERNSHIP REPORT – STUDENT'S INPUT

- This report has to be prepared by the student, it must be prepared and written in a **computerized** format, submitting the report in hand written format will not be accepted.
- Kindly refer to the Internship Report writing Guidelines on the GUC intranet – SCAD office folder.
- This report will be reviewed and evaluated from internal faculty members.

Internship Title: Junior Software Developer

Company / Organization Name: TeBAS

Introduction:

This report's goal is to describe and provide a summary of my time spent working at TeBAS. The goal of my internship at a software application development company is to obtain experience working in a real workplace, learn from senior developers in the industry, and learn more about a topic in which I am already interested. The organization, its history, goals, and team's vision are all described in the opening section of this report. The second portion focuses on the tasks that my immediate supervisor and the company's application development manager allocated to me, as well as the research I needed to perform to understand the task's goals and objectives. My assessment of the business is detailed in the third part.

Company / Organization Description: TeBAS is a software solution provider with a focus on tourism solutions that was founded in 1993. The business constantly keeps an eye on the sector and is committed to offering the best answer to issues that confront travel and tourist businesses. To create a fantastic network of applications that help satisfy the clients' needs for making traveling about easier and more efficient, the managers maintain the business up to speed with the most recent trends in travel and tourist attractions. The wide range of products offered by TeBAS includes GATS ONCE, a general ledger, airline, and tourism accounting system that manages all financial department activities and all airline ticket accounting. It is connected to numerous other services that collaborate to form one network in order to give travel agent organizations powerful software that can manage and handle data pertaining to tourists, tickets, fixed assets, other information, and other products (ROMS). The tools listed above are provided by this network of products to assist in the pipeline of travel and tourism for travel companies.

<https://www.e-tebas.com/index.html>

Internship Performed Tasks:

Designing websites and education The primary goal of this internship was HTML. Numerous programming languages are used to create web-based applications. Some of them are just utilized for the software's frontend and backend design. HTML3, HTML4, HTML5, CSS, Bootstrap, JavaScript, etc. are a few examples. Additionally, certain other programming languages are employed in the creation of the software or application's dynamic features. For instance, Java, PHP, etc. There are now some frameworks that are widely used. Frameworks use Model, View, and Controller to implement structured programming. MVC is another name for it. The ability to access a web-based application from anywhere in the world makes it highly handy for us.

The first task I had was establishing a database locally on the company computer which was mainly implemented by MongoDB, the database includes multiple tables such as client table, ticket table, agency table, flight table, etc., these tables are all interconnected to provide closure and relations between the components and to be able to reliably query and edit the information easily later on if needed, the research required for this task was searching how MongoDB handles the data that are entered, which it handles in the RDBMS format (Relational Database Management System) which handles all the data as tables and relations linking all the tables together. The second task is to build a locally connected web page that is connected to the local and cloud database and can send the scanned information about the ticket, this involved research on how to utilize HTML elements to build and easy to use user interface, how to move the ticket information from the scanner and fill the fields (using mapping techniques in JavaScript) to map JSON format that was scanned to the fields required in the user interface, the interface had to be as simple as possible to provide ease of use for all users that interact with it and it also had to be secured in order to maintain and protect client information since information is confidential which had me researching the different ways to encrypt the data, passwords, and access IDs (Ciphertext, CryptoJS mainly were used for the encryption and decryption), in order to not just provide safety locally, but also for when the main team decides to incorporate the prototype system into the mainframe of the company .A typical day at work would start with an online meeting to brief my supervisor on the status of the system and give an overview of the database and user interface in general. I worked on the database first and tested it locally on my computer before traveling to the head office to have it installed on the local devices there and tested. Next, I worked on the web page layout based on the general layout that the supervisor detailed and the office.

Due to COVID regulations, the internship had to be completed at home. I collaborated with some of the colleagues there primarily for guidance purposes, and I also discussed security-related concerns with my seniors. After I submitted the code, some colleagues reviewed and audited it to address any security flaws. Official emails and a Slack channel for my supervisor, me, and four senior-level managers were the primary means of communication. In order to manage any last-minute meetings or messages from my supervisor, I needed to be online throughout the five hours I worked each day. JavaScript, NodeJS, HTML, and CSS were the programmes used in this internship to construct the website and web application, along with Visual Studio Code and MongoDB for data storage.

Internship Evaluation:

Through this internship, I improved my teamwork and time management abilities as well as my technical knowledge and opinions on how I should format and type my code. The pace of the internship was undoubtedly a factor in my satisfaction because the company viewed this experience as a learning

opportunity rather than a professional hiring opportunity. The internship met and exceeded my expectations because I had many talented colleagues and mentors throughout the implementation. This internship gave me a final look at how the business operates and pushed my critical thinking, research, and self-studies to generate better results. Software development is still evolving and improving people's lives and day-to-day functions.

Conclusion:

I developed a lot of abilities, including those related to cooperation, collaboration, enhanced communication, responsibility, and general social skills improvement, to sum up my report. Additionally, I learned a great deal of technical skills, including how to clean my code and include other people's perspectives into my work in order to please users and testers. I also learned a great deal about software development procedures and how the work process functions in general. I had to adjust to the workflow, deadlines, and stringent standards as this was my first experience in a professional setting in order to meet the expectations of my supervisor and the clients.

Please rate your satisfaction with the internship experience.

X Very satisfied ☐ Somehow satisfied ☐ Neutral ☐ Somehow dissatisfied ☐ Very dissatisfied

Would you recommend this internship to other colleagues?

X Yes ☐ No ☐ Maybe

References: (If any external sources are used, provide references for any information quoted)

Disclosure / Confidentiality Agreement

This agreement is to acknowledge that the information provided by any company / organization during the internship is unique to this business and confidential.

Therefore, anyone reading this agreement agrees not to disclose any of the information provided during the internship without notifying & taking the employer's / supervisor's approval.