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: _Samer ghaly_   GUC Student ID No.: _43-16142_

Faculty: _Engineering_   Major: _MET_

Student Mobile No.: _012 000 18081_

Internship Info:

Company Name: _GUC_

Core Industry/Business: _____   Country: _Egypt_

Supervisor Name: _Dr. Milad_   Supervisor Job Title: _Dr._

Supervisor Tel. No.: _____   Supervisor Mobile No.: _____

Supervisor E-mail: _milad.michel@guc.ed.eg_ Training Department(s): _MET_

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:

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

Period of Internship   **(dd/mm/yyyy)**   **(dd/mm/yyyy)**

From: _12 / 4 / 2022_   To: _12 / 6 / 2022_

Internship nature (Enrollment Status)

☒ 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 : _____

Company Stamp

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				✓		
Analytical skills				✓		
Collecting data/ research data skills			✓			
Creativity			✓			
Follow up skills			✓			
Interpersonal skills with peers, supervisors, and clients						✓
Problem solving				✓		
Punctuality			✓			
Reporting skills			✓			
Responsibility and accountability				✓		
Stress handling				✓		
Taking initiatives					✓	
Teamwork						✓
Time management				✓		
Other:						
Technical Background						
Technical Knowledge				✓		
Compatibility of technical skills with the job				✓		
Other:						
Command of Languages						
Arabic					✓	
English					✓	
German						✓
Other:						

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

Computer Programs & Databases Please use space below in specifying the program/software used during the internship and evaluate student's performance accordingly	1	2	3	4	5	NA
Flutter / Dart				✓		

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

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

_____

_____

_____

_____

_____

_____

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

Student Signature:

Samer

Supervisor Signature:

Date:

27-6-2022

Date:

27-6-2022

Student Career & Alumni Development Office. scad@guc.edu.eg | German University in Cairo New Cairo City - Main Entrance Al Tagamoa Al Khames; Egypt

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Internship Report
Samer Sameh Helmy Ghaly, 43-16142, MET

Internship Title:
DentalLab Mobile Application

GUC
Supervised by:
Dr. Milad Ghantous

Internship Title: DentalLab Mobile Application

Company Name: German University in Cairo

Introduction: The main purpose of the report is to describe my experience in the internship that was in my university GUC, My internship was about developing Cross platform mobile application that connect the dentist with the dental lab and automate their communication so any dentist can order a request from any available lab or he can choose a certain lab, The report will cover a brief about my main tasks to develop the DentalLab App in the internship (which will be pure technical tasks) and the evaluation to my experience in the internship as well as its influence in my future career plans , Finally a summary to key conclusion derived from the internship experience.

Internship Performed Tasks:
1. **Requirement gathering**: In this phase I started by collecting all app user requirements, all functions which users can do in the application, and also nonfunctional requirements.

2. **Backend design:** I chose Firebase as my Backend technology , Firestore as my Database, And designed the main App tables (Request , Dentist, Lab),

3. **Frontend design**: I designed the main pages for the Dentist, the Dental lab and login/register, The Dentist Pages contain *createRequestPage* and *viewPastRequestsPage* , The Lab Page contains *yourRequestsPage*, *allUsersRequestsPage* and *pastRequestsPage*.

4. **Implement backend:** Implementing all needed api Requests that I will need in the App (create requests, readPastRequests, receive requests, accept requests, getRequestDetails).

5. **Implement the front-end:** Using Flutter widgets like (ListViews, StreamBulder, FutureBuilder, FormTextFields, ElevatedButton, BottomNavigation, etc.) as basic blocks for more complicated custom widgets then combine these widgets to form the main pages for the App, Each category of widgets has a directory in the app code.

6. **Authentication:** By using Firebase Authentication any user (dentist or lab) can login or register by email and password and he can also logout to terminate the authentication session.

7. **Adding advanced features:** Implementing a feature for the Dentist to send a request to any available Lab not just to a specific Lab and it needed some modification in front-end and modifying in the database structure.

Internship Evaluation: I gained a set of valuable skills in my internship, My knowledge in Mobile development and software engineering in general expanded and improved, The internship also improved my Critical Thinking and Problem Solving skills ,The internship definitely met my expectations, The internship gave me a deep experience in a very popular field in industry (cross platform Mobile development using flutter) and this for sure increase my choices in my future career, The internship is about developing Mobile application and it is all about programing and software engineering so it is tightly related to my field of study as I used Databases(Firebase Firestore) , programing language(Dart), framework(Flutter), CSEN 1114 Mobile Application Development (2602) and CSEN 704 Advanced Computer lab (316) are the most related academic courses related to the internship.

Conclusion: In conclusion my internship with Dr Milad was very fruitful and I learnt so much during developing the app and from the discussions between me and Dr Milad about database design tradeoffs, user requirements and how to enhance user experience in the mobile app, I think it is a great start for me in my future career as I am interested in software engineering field as I enjoy building new software and enhance their performance, the internship pushed me to learn more about web based Mobile application and how to enhance the user experience and software performance, In this report I explained the overview and objective of
the project, the phases we had to walk through to finish it and my evaluation of the internship.