



CYPRUS
INTERNATIONAL
UNIVERSITY

ISYE300 SUMMER TRAINING LOG BOOK

Name, Surname : BARIŞ KARAPELİT
Student ID Number : 21707346
Year : 2019-2020
Semester : SUMMER
Department : Information Systems Engineering
Beginning Date : 01.08.2020
Ending Date : 14.09.2020
Number of
Working Days : 30

Seal of the Department:

Date: 28.09.2020

INVACO TEKNOLOJİ A.Ş.

Çiftlik Yolu, 1. Etap, Çarşı, Ankara 06500
Tic. Sic. No: 270907
E-Posta: info@invaco.com.tr
Web: www.invaco.com.tr



Cyprus International University

Faculty of Engineering

Information Systems Engineering

Content

1. Information Regarding to Trainee and approval of the log book by the company/organization.
2. Trainee's Evaluation and Approval of the Supervisor
3. Daily Work Log
4. Information Regarding to Job

Requirements for Trainees

Trainees must:

- ❖ be supervised by a person holding an engineering degree, and a suitable qualified person approved by his/her department at Cyprus International University.
- ❖ follow the directions of department and supervisors about his/her training
- ❖ keep a written record that includes:
 - his/her personal information
 - his/her supervisor's signature for each day you do work.

Requirements for the Supervisor

The supervisor should train the trainee to make aware of his/her job obligations when (s)he has graduated. In this training period, the trainee may take a part in real-life project that is related with his/her department. If this is not possible because of the company's policies, the trainee should be assigned a work that has real life applications.

This log book is confidential and must be posted to our faculty in a sealed and signed envelope. The supervisor should evaluate the trainee with his/her entire attitude during the summer training, in this Log Book.



Cyprus International University
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Information Systems Engineering

Trainee Details

Student Number :21707346 Department : Information Systems Engineering
Full Name :Barış Karapelit Current Semester :Summer
CGPA :2.80
Home Address Pınar mahallesi 1272 sokak no:8 Kat :4 Esenyurt İstanbul
.....
Home Telephone :+902126992885 Mobile Telephone :5334357218

Address in North Cyprus Çınar Yurtları Lefkoşa

Company/Organization Details

Official Name Invaco
Field(s) of Work Mobile Programming Department

Address Teknopark-Yıldız Teknik Üniversitesi
Çifte havuzlar Mah. Eski Londra Asfaltı Cad.
A1 Blok No:151/1C 1B27 Esenler/İstanbul
.....

Telephone(s) : +90 541 925 7074 Fax :

Trainee's Job Title : Mobile programmer Trainee's Supervisor Title : co founder

Company E-mail : info@invaco.net Company Web Site : http://www.invaco.net/



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Log Book Approval by the Company/Organization

Student mentioned above has worked in our company/organization in the department/division Mobile Programming Department for 30 days, starting date 01.08 to end date 14.09 as an engineering trainee. We have read this log book and the information that trainee has provided is matching what he/she has done during his/her training period.

Signatures

Human Resource Manager Date:

Department/Division Manager Date: 28.09.2020

Seal of the Company/Organization Date: 28.09.2020

INVACO TEKNOLOJİ A.Ş.
Cable Modem ve İnternet Servisleri
No: 151 J.C. Teknoloji Evi Kat: 2 Etiler Beğ. 34397
ESENLER/İSTANBUL, T: 7800 No: 95592-5
V.D. : ESENLER VKN: 4780569492

Trainee's Evaluation and Approval by the Supervisor

(The Supervisor of the trainee should fill this part)

Full Name : Yunus Onur Atasoy

Title : Co Founder

Department/Division : IT Specialty : Software development

Academic Degree(s) : Bachelor's degree

Graduated University : Istanbul University Year : 2015



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Opinions about Overall Performance and Training Period Observations	The trainee completed the assigned task with work discipline and awareness.....
Suggestions to the CIU about the trainee

I've read this log book. I've approved his/her work during this time and his/her logs in this summer training log book which conveys the true work.

I've filled out the above evaluation after trainee completed his/her training and daily logs as his/her supervisor.

CO Founder/Unus

INVACO TEKNOLOJİ A.Ş.

Çiğirte Hanı, 1. Kat, Etiler, Beşiktaş, İstanbul

No: 15110 Teknik Park A1 Blok Kat: 1E

ESENLER/İSTANBUL, T.C. 34500

V.D. : Etiler VKN 475 055492

Title / Full Name: Onur Atasoy.....

Seal of the Company:

Signature:

Date: 28.09.2020.....



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Trainee's Evaluation (The Supervisor of the trainee should fill this part)		<i>CONFIDENTIAL</i>				
		(0 = no contribution → 4 = strong contribution)				
Program Outcomes		4	3	2	1	0
(PO1) Adequate knowledge in mathematics, science and engineering subjects pertaining to the relevant discipline; ability to use theoretical and applied knowledge in these areas in complex Information Systems engineering problems.	X					
(PO2) Ability to identify, formulate, and solve complex Information Systems engineering problems; ability to select and apply proper analysis and modeling methods for this purpose.	X					
(PO3) Ability to design a complex system, process, device or product under realistic constraints and conditions, in such a way as to meet the desired result; ability to apply modern design methods for this purpose.	X					
(PO4) Ability to devise, select, and use modern techniques and tools needed for analyzing and solving complex problems encountered in engineering practice; ability to employ information technologies effectively.	X					
(PO5) Ability to design and conduct experiments, gather data, analyze and interpret results for investigating complex Information Systems engineering problems or discipline specific research questions.			X			
(PO6) Ability to work efficiently in intra-disciplinary and multi-disciplinary teams; ability to work individually.	X					
(PO7) Ability to communicate effectively in Turkish, both orally and in writing; knowledge of a minimum of one foreign language; ability to write effective reports and comprehend written reports, prepare design and production reports, make effective presentations, and give and receive clear and intelligible instructions.			X			
(PO8) Recognition of the need for lifelong learning; ability to access information, to follow developments in science and technology, and to continue to educate him/herself.	X					
(PO9) Consciousness to behave according to ethical principles and professional and ethical responsibility; knowledge on standards used in Information Systems engineering practice.	X					
(PO10) Knowledge about business life practices such as project management, risk management, and change management; awareness in entrepreneurship, innovation; knowledge about sustainable development.	X					
(PO11) Knowledge about the global and social effects of Information Systems engineering practices on health, environment, and safety, and contemporary issues of the century reflected into the field of engineering; awareness of the legal consequences of Information Systems engineering solutions.	X					



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SUMMER TRAINING EVALUATION FORM

(The trainee should fill this part)

(0 = no contribution → 4 = strong contribution)

EVALUATION	4	3	2	1	0
1. I applied the knowledge on modeling and solving the Computer Engineering problems learned in the University.	X				
2. I found the opportunity to choose and apply proper analysis and modeling methods to solve Computer Engineering problems	X				
3. I gained experience to design a complex system, component, or process in Computer Engineering within realistic constraints.	X				
4. I found the opportunity to develop, select and use modern techniques and tools in Computer Engineering applications.	X				
6. I found the opportunity of working in Computer Engineering teams and multidisciplinary teams effectively.		X			
7. I found the opportunity to improve the ability on communicating effectively in written and oral form.	X				
8. I learnt the most recent scientific and technological development based on Computer Engineering.	X				
9. I gained an understanding of professional and ethical responsibility.	X				
10. I gained experience in project, risk and time management.	X				
11. The summer training has influenced my vision in environment, safety and work life.	X				
12. The summer training has influenced my future decisions in my career.	X				
13. I advise other students to perform their summer trainings in this company.		X			



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(Trainee should fill this part to declare the performed works in each day.)

Daily Work Log

DAY	DATE	WORK DONE	HOURS WORKED
1	04.08.2020	I wrote a code with Python to check the Gamepad f710 mouse functions.	5
2	05.08.2020	It has been requested to transfer videos or images to the android application with 3 buttons using Twilio library. When the circle button is pressed, the circle animation will be appear where the user touches the screen. Similarly, the like animation will be created using the like button and the dislike animation will be created using the dislike button.	5
3	06.08.2020	I designed and tested the project requested from me yesterday. I added a video text view item to the twilio library and 3 buttons to the design. I changed the buttons icons. I started researching the code on the java side.	5
4	07.08.2020	It was requested to make changes to the project I designed yesterday. I revised the project and started studying on the working logic.	5
5	08.08.2020	I tried to fix this error	5

Supervisor's sign:.....



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Daily Work Log

DAY	DATE	WORK DONE	HOURS WORKED
6	10.08.2020	I began to re-investigate the logic of working. I've got the buttons in the project moving the user to the point where it touches on the screen.	5
7	11.08.2020	When you tap the user screen, the button only moves up and down, but it must move in all directions. I tried to fix this error.	5
8	12.08.2020	When you tap the user screen, the button only moves up and down, but it must move in all directions. I tried to fix this error.	5
9	13.08.2020	'I used the Framelayout onTouchListener method to show the imageview .point the user touches on the Frame Layout. This method also has an error. I'm trying to fix it.	5
10	14.08.2020	I have defined setOnTouchListener imageView as FrameLayout, not a method, and used it as a method. In other words, when it touches the imageView, the method would be activated and we want to show it where it touches, but I have to touch the imageview, which causes it to start from the defective position that we have given, instead I wrote the setOnTouchListener method for the frame layout. imageviewer	5

Supervisor's sign:.....

Daily Work Log



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DAY	DATE	WORK DONE	HOURS WORKED
11	15.08.2020	I researched to add a timer to imageview.	5
12	17.08.2020	I researched and added a timer to change the animation of the gif in image view.	5
13	19.08.2020	I researched to make more than one imageview appear when touched on the screen.	5
14	20.08.2020	I researched to make more than one imageview appear when touched on the screen.	5
15	21.08.2020	I researched to make more than one imageview appear when touched on the screen.	5

Supervisor's sign:.....

Daily Work Log



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DAY	DATE	WORK DONE	HOURS WORKED
16	22.08.2020	I added a method to detect multitouch in the app. and I did the display of the images in the place where multiple touches are currently.	5
17	24.08.2020	I added a method to detect multitouch in the app. and I did the display of the images in the place where multiple touches are currently.	5
18	25.08.2020	I added a method to detect multitouch in the app. and I did the display of the images in the place where multiple touches are currently. I'm coding the Dislike button	5
19	26.08.2020	I coded the Dislike button	5
20	27.08.2020	I added the ability to change the icons that appear in the multi-touch feature with the buttons.	5

Supervisor's sign:.....

Daily Work Log



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DAY	DATE	WORK DONE	HOURS WORKED
21	28.08.2020	I added the ability to change the icons that appear in the multi-touch feature with the buttons.	5
22	29.08.2020	I added the ability to change the icons that appear in the multi-touch feature with the buttons.	5
23	31.09.2020	I researched to play video with VideoTextureView	5
24	01.09.2020	I researched to play video with VideoTextureView	5
25	02.09.2020	I researched to play video with VideoTextureView	5

Supervisor's sign:.....

Daily Work Log

Summer Training Log Book



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DAY	DATE	WORK DONE	HOURS WORKED
26	03.09.2020	I researched to play video with VideoTextureView	5
27	04.09.2020	I fixed the error of the method I wrote so that it can switch between the cameras in the application.	5
28	05.09.2020	I fixed the error of the method I wrote so that it can switch between the cameras in the application.	5
29	07.09.2020	I fixed the error of the method I wrote so that it can switch between the cameras in the application.	5
30	08.09.2020	I reviewed the completed project and revised it with clean codes.	5

Supervisor's sign:.....

Daily Work Log

Summer Training Log Book



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DAY	DATE	WORK DONE	HOURS WORKED
31	09.09.2020	I cleared the project again and commented on all the methods and asked what the methods do.	5
32	10.09.2020	I continued editing the project. I tried to fix a few bugs and vulnerabilities that I noticed.	5
33	11 .09.2020	I did the tests of the application I made. I started testing Crashlytics with google firebase	5
34	12.09.2020	I finished the Crashlytics test and I got a successful result. I wrote an article about it.	5
35	14.09.2020	I reviewed the Android Project. I made it into clean code and added the comment lines. I checked it for proper operation and reported my work.	5

Supervisor's sign:.....



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Trainee's Job Details

- 1- I have made an application through Python which provide mouse functions to the joystick control.
- 2- It has been requested to transfer images to the android application with 3 buttons using Twilio library. Thus, the code has been written for these events; when the circle button is clicked, the circle animation will be appeared where the user touches the screen. Similarly, the like animation will be appeared using the like button and the dislike animation will be appeared using the dislike button.