

**VILNIUS UNIVERSITY
ŠIAULIAI ACADEMY
INSTITUTE OF REGIONAL DEVELOPMENT
COMPUTER SCIENCE STUDY PROGRAM COMMITTEE**

NAME SURNAME

Software Engineering specialization __ course full-time student

**THE INTERNSHIP REPORT OF DESIGN AND MANAGEMENT OF E-
SERVICES SOFTWARE**

Compiled by student Name Surname.....

Internship supervisor Dr./ Prof. Name Surname.....

Evaluation of internship supervisor.....

Šiauliai

202...

FEEDBACK FROM THE HOST ORGANISATION

On the internship of the student

Assessment of the student's subject-based knowledge and skills:

.....
.....
.....

Student's ability to manage time, carry out work, solve emerging problems:

.....
.....

Student's communicative skills:

.....
.....

Student's initiative and motivation:

.....
.....

Suggestions for improving the study program if a student lacked subject-based knowledge or skills:

.....
.....
.....

Other remarks:

.....
.....
.....

Student has completed the intended internship assignments
..... %.

The internship assessment of a student is

.....

202_ .. (month)..... (day)

Internship Supervisor at Host Organisation:

.....

L.S.

**THE INTERNSHIP OF DESIGN AND MANAGEMENT OF E-SERVICES
SOFTWARE**

INTERNSHIP SUPERVISOR'S FEEDBACK

Student's compliance with the work schedule:

.....
.....
.....
.....

Brief commentary and assessment of the internship

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.....
.....
.....

Internship supervisor

INTRODUCTION

INTERNSHIP TOPIC

The place, topic and duration of the internship are briefly described.

For example: The chosen company, where the internship was carried out, is UAB “Programita”. This company was chosen due to the wide range of services in the implementation of different IT solutions. Also, knowing that the number of employees in the company is small, this is a great opportunity to gain more work experience. Roles of the work performed in the position of intern: “Engineer-programmer”, “Software tester”. Performance period 09/06/2022 to 11/29/2022.

1.1. Aim of the work

For example: to carry out electronic service software design and management task for UAB “Programita”, describe them and provide recommendations to the company.

1.2 Object of the work

For example: Pet registration system for clients of UAB “Programita”.

1.3 Tasks of the work

For example:

- 1. To provide general information about the company, type of activity and characteristics.*
- 2. To analyse the company’s internal and external data flows, discuss their structure.*
- 3. To discuss the necessary software and hardware for both optimization of work and performance of work.*
- 4. To describe in detail the works assigned by the institution and their specifics as well as analyse the workflow and the knowledge gained.*
- 5. To provide recommendations to the company about the problem to be solved. To share the impressions experienced during the internship. To discuss the general situation of the company.*

1.4 Research methods

For example: performance observation, survey, interview, case study, computer simulation, etc.

II. GENERAL CHARACTERISTICS OF THE COMPANY AND ACTIVITY ANALYSIS

The information about the company (the place of internship, its field of activity and the assignments performed) are presented:

2.1 Company management and activity planning

The detailed information about the company, its structure, departments, how work is organized between them, etc. is provided.

2.2 The main activities of the company

The company's specific activities are described, its main field of activity, what operations are performed, etc.

2.3 The development and provision of electronic services

The data flows necessary for the company to ensure external electronic services are described. What electronic services does the company provide? From which manufacturers products or services are purchased? If the company itself offers electronic services or products, then you have to describe in more detail the case of a specific product sold to a customer.

It should be noted that here and elsewhere in the report, only those data to which the company does not object may be published. If the company prohibits the publication of such data, then this report shall be accompanied by a confidentiality agreement, a confidentiality/non-competition pledge signed by the intern, etc. This is the supporting document of the company.

2.4 Staff control measures

How is the security of data and processes ensured in the company's work, what measures are used to restrict the access of persons to the premises, how to connect to the information system, etc.

III. DESCRIPTION OF WORKS PERFORMED

This section is written on the basis of the internship diary. First, the diary is presented, then its summary.

3.1 Internship diary

For example:

Date	2023-XX-XX
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Works performed	A brief description of the work the intern had to perform individually or with colleagues. If the task is continuous, then it is mentioned every day on which it was performed.
Self-assessment	The intern evaluates how well he/she succeeded in performing the given assignments, what skills/knowledge was lacking or, on the contrary, what knowledge helped to solve the problems that arose during the internship. Directions for further development can be indicated, e.g., "you should learn more about vue.js technology", "you should familiarize yourself with the English terms of the subject area" and so on.
Analysis of internship activities	The details of the works are described and evaluated: what technologies were chosen/used, what was the reason for choosing them, and whether it was feasible. What characteristics of assignment solution implementation were measured (speed, security level, speed of solution creation, etc.) and what new things were observed. If the intern has his/her own opinion than the decision made in the company, he/she can present it here and justify it.

The diary is filled in for each day of the internship in a separate table.

3.2 Summary of internship assignments and recommendations

A structured list of the most important assignments performed is provided.

For example:

1. *Potential users of the portal have been identified and a description of their registration procedure has been drawn up.*
2. *The data needed to assess user needs have been collected.*
3. *The needs of potential users of the portal have been investigated.*
4. *Functional and non-functional requirements for the created portal have been formulated.*
5. *The backend project of the portal has been created.*
6. *The user interface of the portal has been designed.*
7. *Tools and means of implementation of backend and frontend technology have been selected. It has been forecasted which parts of the developed software product will be realized as external electronic services.*
8. *Comprehensive testing of the portal has been performed and its usability has been assessed.*
9. *The internship report has been written.*

It is recommended to specify the planned number of hours for each activity. The actual number of hours may be adjusted during the course of the internship. Reasoned explanations are then given.

For example:

One of the main problems inside the company was ... <...>

They should also use ... <...>

To implement the project, I would suggest using not X, but Y service provider...

IV. CONCLUSIONS

The conclusions are formulated concisely and clearly, with statements of a conclusive nature, which follow from the solution of the defined work assignments.

V. APPENDICES

The official documents (e.g., company confidentiality agreement, letter of commendation, etc.) are attached, technical documentation prepared during the internship, etc.