

Комп'ютерний практикум №1, Варіант 3

Група: ІІІ-91

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Тема практикуму:

Специфікування та моделювання вимог. Розробка Варіантів використання (Use Cases)

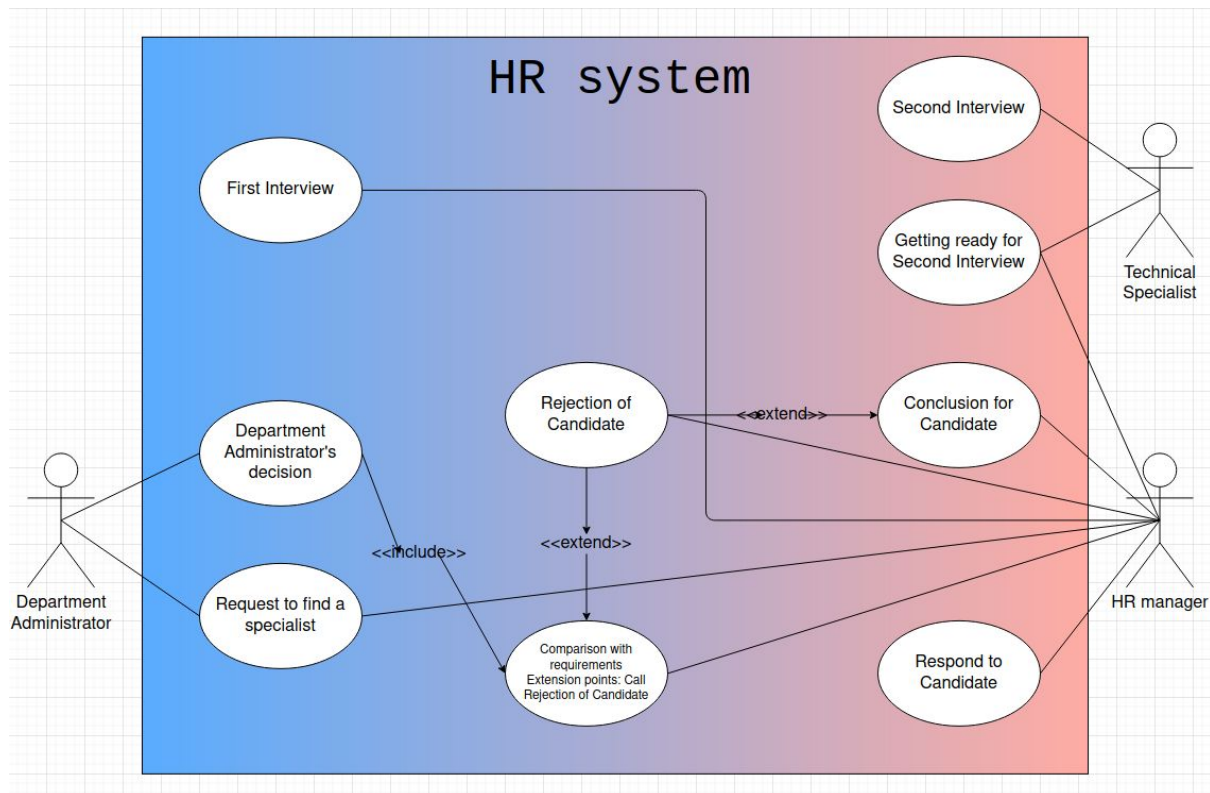
Моделювання Варіантів Використання (Use Cases) Інформаційної системи “Наймання співробітника на роботу в ІТ компанію”.

Інформаційна система “Наймання співробітника на роботу в ІТ компанію” (далі – HR-система) супроводжує процес підбору кадрів в ІТ компанії.

Завдання практикуму.

Відповідно до процесу наймання співробітника на роботу в ІТ компанію розробити Модель Варіантів використання, що представляє види взаємодії користувачів із HR-системою.

Use case Diagram



Use case 1 (Request to find a specialist)

Name	Request to find a specialist
Goal	Create a vacancy at IT company
Actors	Department Administrator, HR manager, HR system
Pre-Conditions	There is a need to employ a new IT specialist.
Trigger	Department Administrator creates an order of searching for IT specialist at HR system.
Flow of events	<ol style="list-style-type: none"> 1. Department Administrator puts an order on HR manager. 2. HR manager enters the info about the vacancy at IT company website.
Post-Conditions	Vacancy is open at the company website waiting for applicants to fill the form.

Use case 2 (Responding to Candidate)

Name	Responding to Candidate
Goal	Invite Candidate for the first interview
Actors	HR manager, HR system
Pre-Conditions	Vacancy is open for applicants
Trigger	HR manager gets a filled form from an IT specialist
Flow of events	<ol style="list-style-type: none">1. HR manager creates a section “Candidate X” at the HR system.2. HR manager redirects the received form to the HR system.3. HR manager writes a standardised letter of invitation to the first interview via the HR system.4. HR manager sends a letter to a candidate via email.
Post-Conditions	Candidate receives invitation for an interview.

Use case 3 (First interview)

Name	First interview
Goal	To determine the qualification of an applicant and decide if an interview with a technical specialist is to be had
Actors	HR manager, HR system
Pre-Conditions	Candidate got the letter of invitation
Trigger	Candidate accepts the invitation for the first interview
Flow of events	<ol style="list-style-type: none">1. HR manager interviews the Candidate.2. HR manager puts data about IT qualification of the Candidate to the HR system.3. HR manager creates a request at the HR system for a second interview.4. HR manager sends a request to the Technical Specialist.
Post-Conditions	Technical Specialist gets a request and then decides whether to schedule an interview or not.

Use case 4 (Getting ready for a second interview)

Name	Getting ready for a second interview
Goal	Bring Candidate to a second interview.
Actors	Technical Specialist, HR manager, HR system
Pre-Conditions	Candidate completed the first interview successfully
Trigger	Technical Specialist gets a request for an interview with the Candidate
Flow of events	1. Technical Specialist gets to know the first interview results. 2. Technical Specialist sets the time for the second interview. 3. HR manager sends a letter of invitation to Candidate for the second interview.
Post-Conditions	Candidate gets an invitation for the second interview.

Use case 5 (Second interview)

Name	Second interview
Goal	To check technical qualification of Candidate
Actors	Technical Specialist, HR system
Pre-Conditions	Candidate passed the first interview
Trigger	Technical Specialist considers the results of the first interview enough for a second interview.
Flow of events	1. Technical Specialist interviews Candidate. 2. Technical Specialist commits results to the HR system.
Post-Conditions	HR manager gets the results of the second interview to compare with vacancy requirements.

**Use case 6 (Comparison with requirements (includes
Department Administrator's decision, extends Rejection
of Candidate))**

Name	Comparison with requirements
Goal	To check if Candidate's skills satisfy vacancy requirements and make a final decision.
Actors	HR manager, Department Administrator, HR system
Pre-Conditions	Candidate completed both interviews.
Trigger	HR manager prepared results of interviews to match.
Flow of events	<ol style="list-style-type: none">1. HR manager puts together obtained results and vacancy requirements.2. HR manager makes a decision: to send a request to confirm recruitment of Candidate OR to reject Candidate (Use case - Rejection of Candidate).3. Go to Use case - Department Administrator's confirmation.
Post-Conditions	Department Administrator makes a final decision and HR manager receives it via the HR system

Use case 7 (Rejection of Candidate)

Name	Rejection of Candidate
Goal	To reject Candidate
Actors	HR manager
Pre-Conditions	Candidate skills do not satisfy requirements.
Trigger	HR manager put together results of interviews.
Flow of events	1. HR manager rejects Candidate. 2. HR manager sends the information to Candidate.
Post-Conditions	Candidate receives rejection letter, vacancy is still open.

Use case 8 (Department Administrator's decision)

Name	Department Administrator's decision
Goal	Get Department head's position on Candidate being employed
Actors	Department Administrator, HR system
Pre-Conditions	Candidate is deemed suited by HR manager after interviews
Trigger	Department Administrator gets an employment request from HR manager
Flow of events	1. Department Administrator analyzes the information on Candidate gathered during the interviews 2. Department Administrator makes a verdict on whether Candidate should be employed 3. Department Administrator marks their decision in the HR system
Post-Conditions	Department Administrator makes a final decision and HR manager receives it via the HR system

Use case 9 (Conclusion for Candidate (extends Rejection of Candidate))

Name	Conclusion for Candidate
Goal	Message the Candidate about final decision
Actors	HR manager, HR system
Pre-Conditions	Department Administrator has made a final decision.
Trigger	HR manager gets the Department Administrator's answer.
Flow of events	<ol style="list-style-type: none">1. HR manager analyzes Department Administrator's decision, presented in HR system.2. Depending on the decision HR manager prepares at the HR system: a job offer or go to Use case - Rejection of Candidate.3. HR manager sends prepared information to Candidate.4. HR manager closes the vacancy at IT company website.
Post-Conditions	Candidate receives a job offer or a refusal.