Apprenticeship Inter-Network
Online Platform

Preliminary Analysis of Basic Features

OAED

ΙΔΡΥΜΑ ΚΡΑΤΙΚΩΝ ΥΠΟΤΡΟΦΙΩΝ IKY

Co-funded by the Erasmus+ Programme of the European Union

Basic Database Entities

1) VET Students
2) VET Graduates
3) Employers
4) Business Ambassadors
5) VET Providers, Staff
6) Liaison Officers
7) Social Partners
8) Job Specialties
9) Business Sectors
10) Skills or Competences
11) Apprenticeship Offers
12) Job Offers
13) Activities
14) Favorites (Jobs, Apprenticeships)

Different access levels to the platform (role-based permissions)

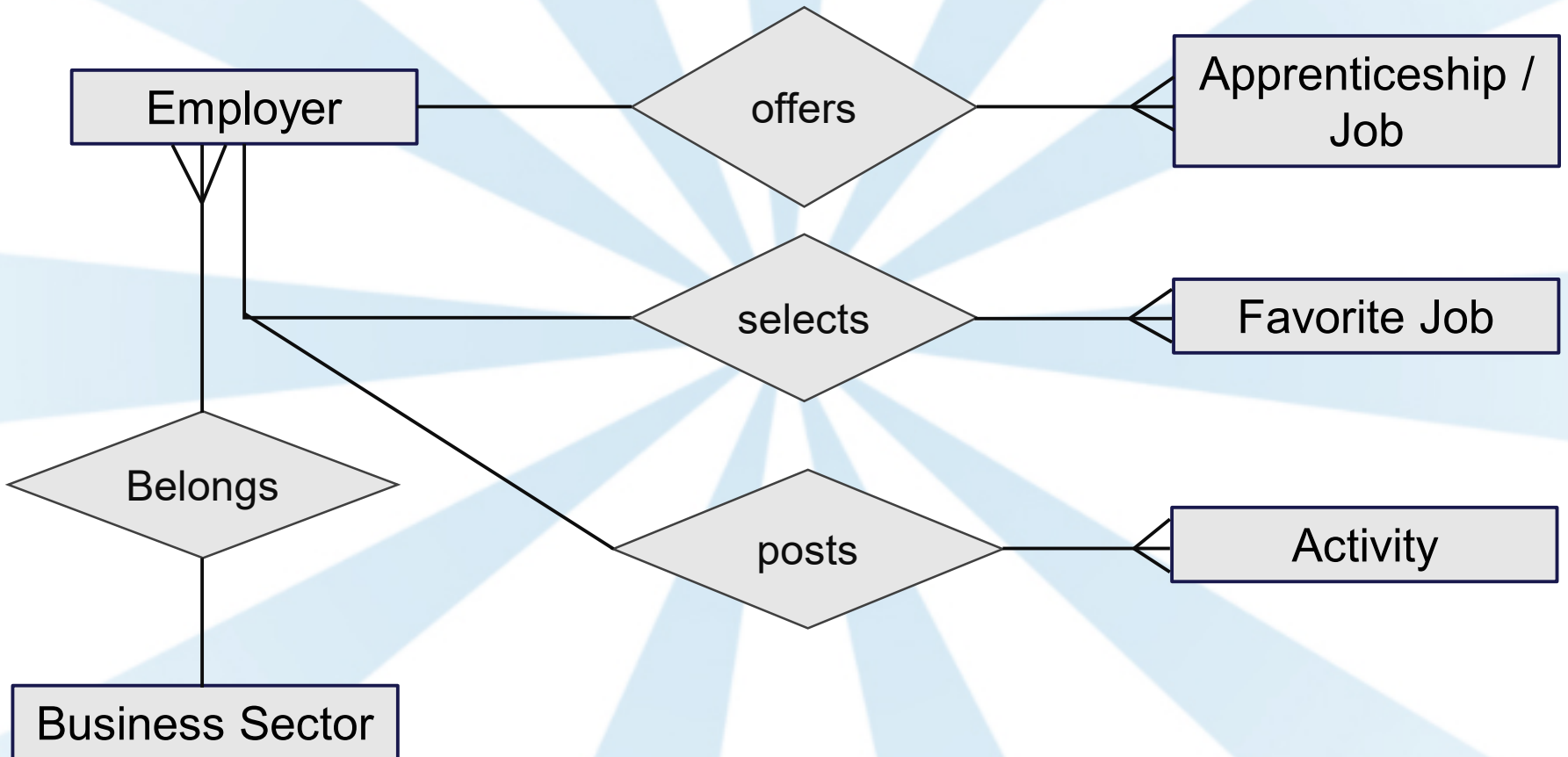*Entities 1-7 are called 'Members' of the web platform*

Relationships of Entities - I
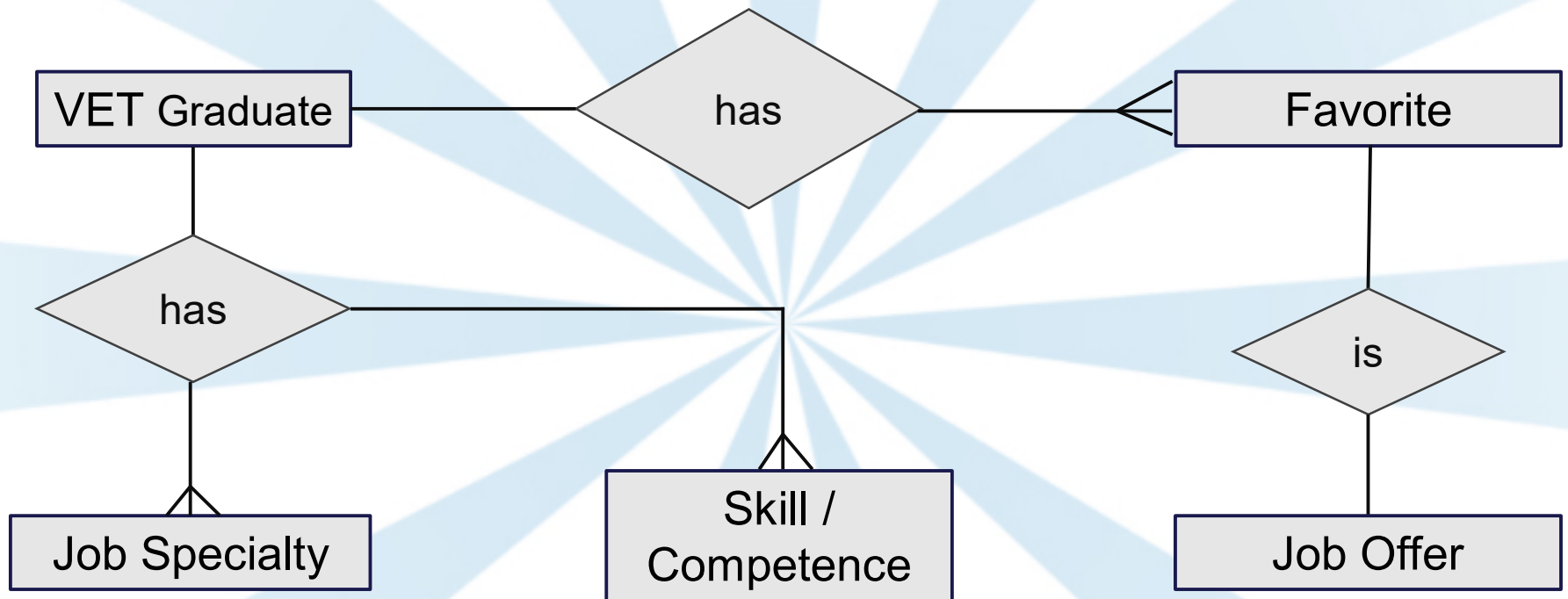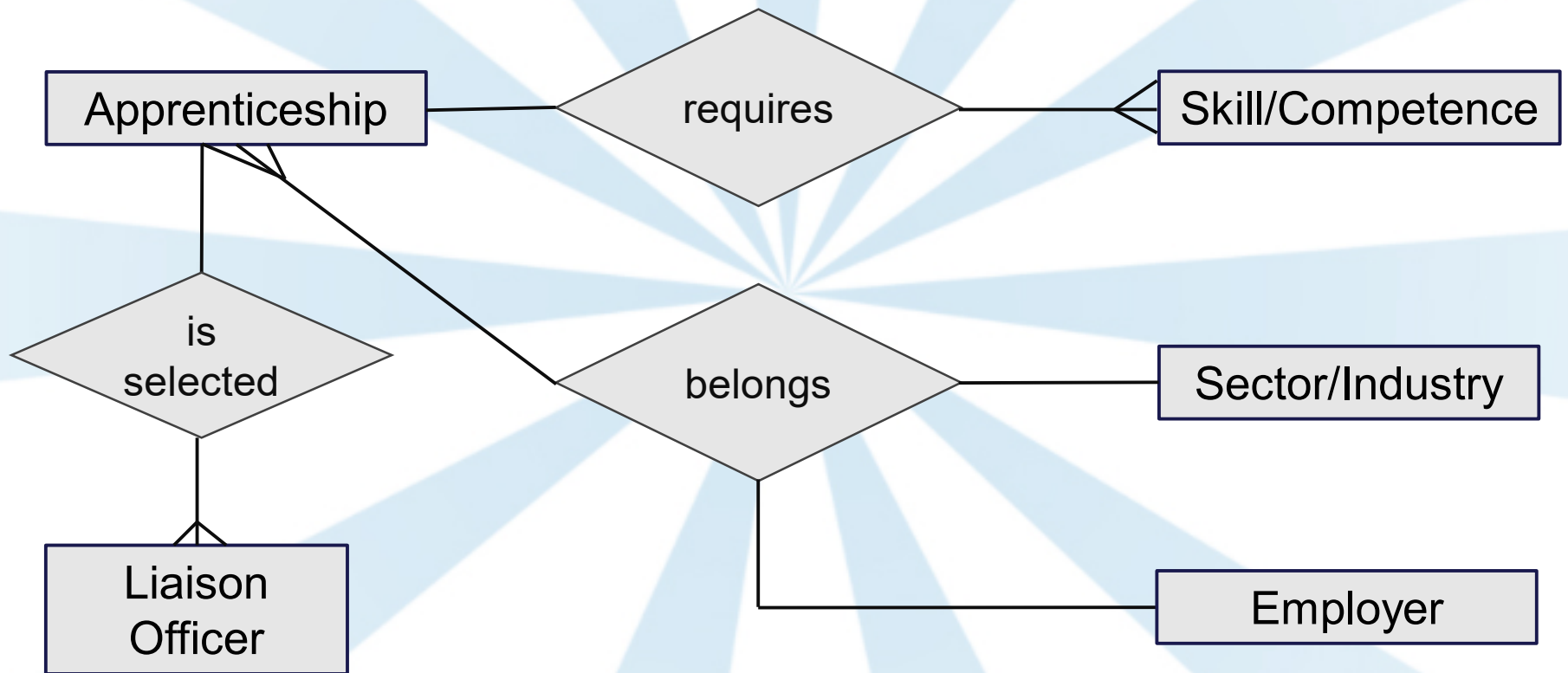

Crow's foot means 'many'

Student Schema

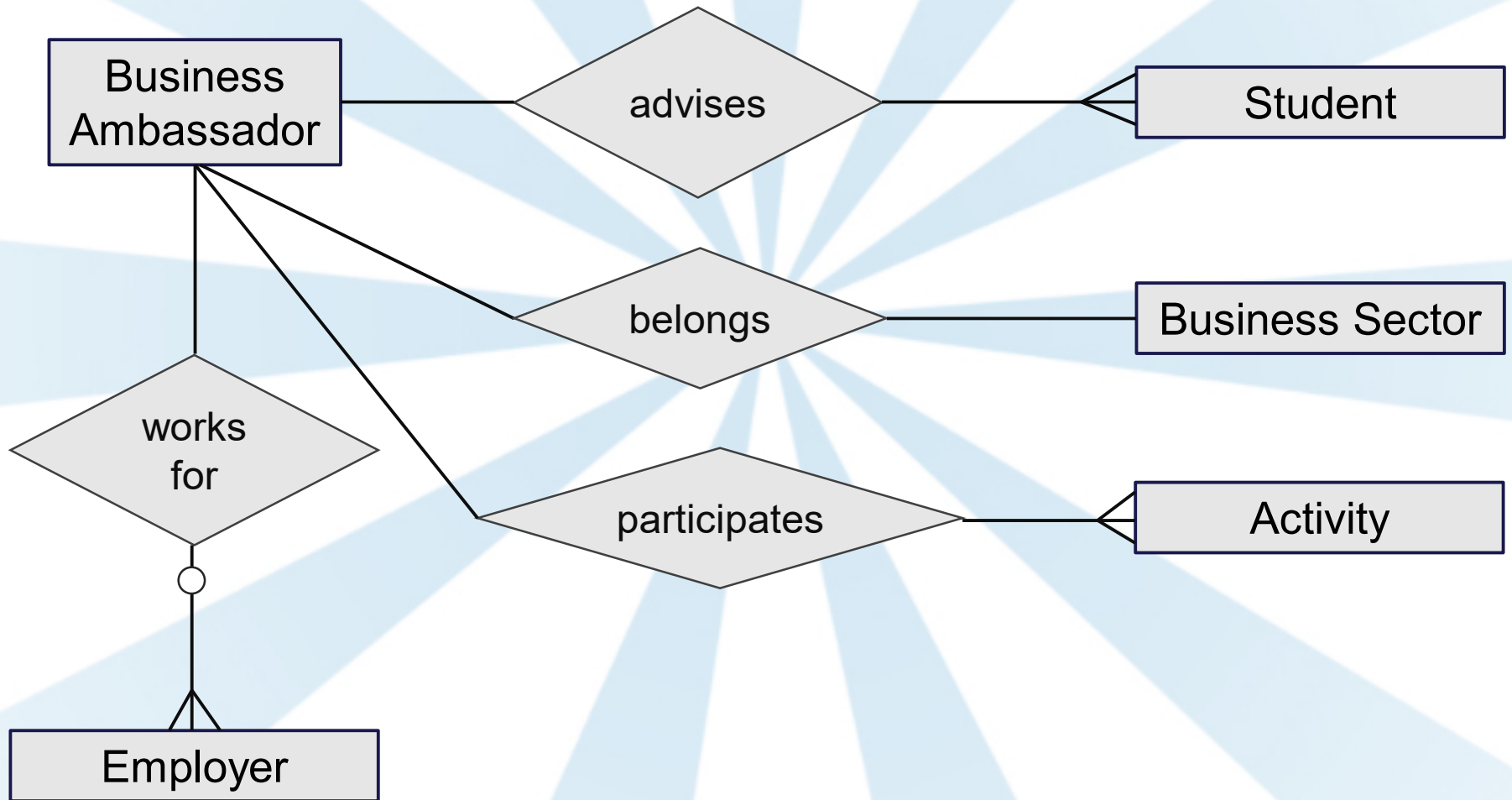# Relationships of Entities - II
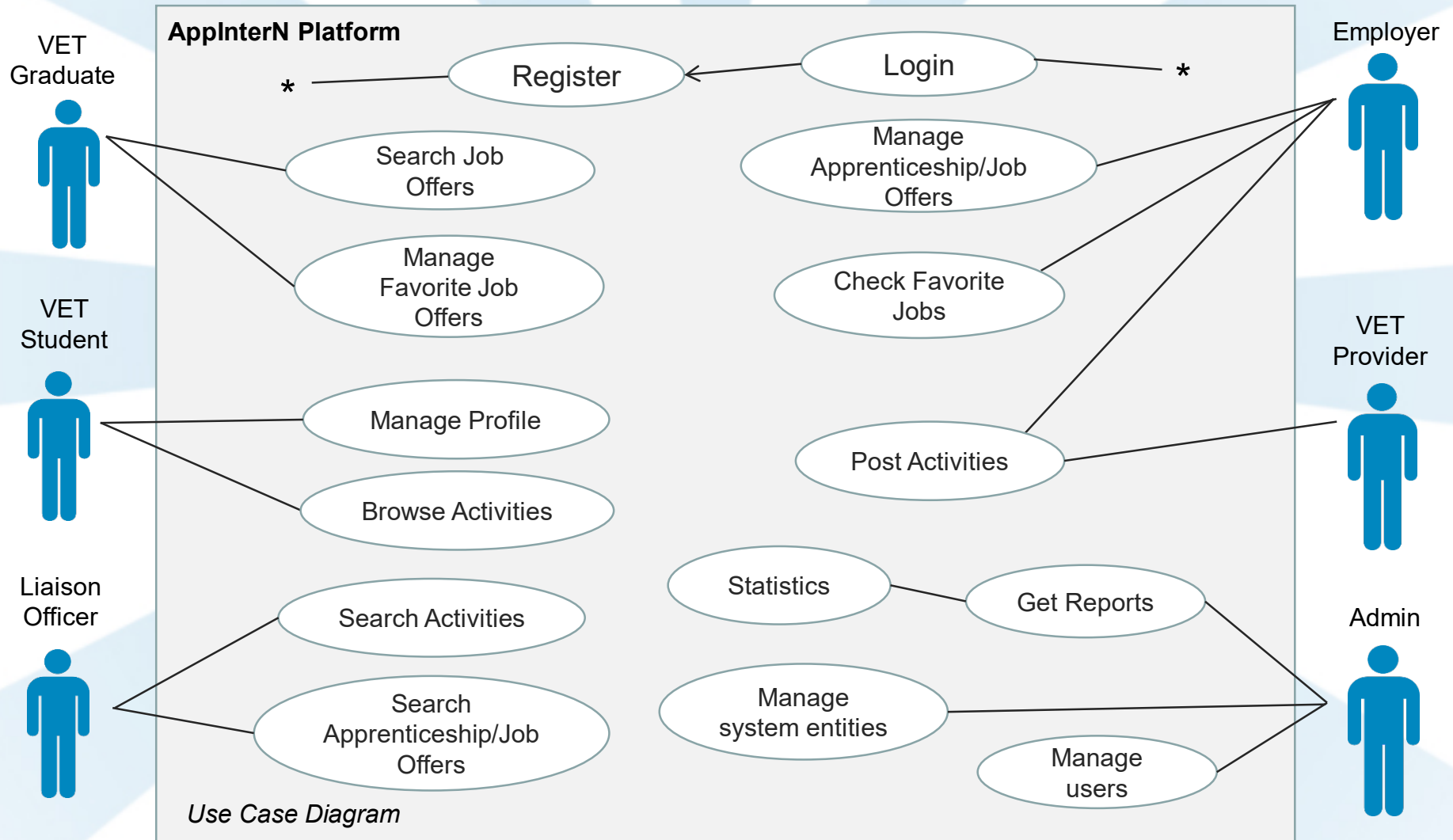

Employer Schema

Relationships of Entities - III

Apprenticeship Schema

Relationships of Entities - IV

Business Ambassador Schema

System Features

Use Case Diagram

Common Site Features - I

1. Sign Up

For signing up, basic information about the user such as:

- Member type (student, employer, etc.)
- E-mail
- Username
- Password
- Captcha may be provided

A typical sign-up form is shown in the next slide

Common Site Features - II

Example of a typical
Sign-up screen

*Replace with member type or
provide different entry points*

Common Site Features - III

2. Profile information of the student is entered to the system.

Typical user profile information

Personal Information

Photo

Choose File | No file chosen

Upload

Files must be less than 4 MB.
Allowed file types: png gif jpg jpeg.

First Name *

Last Name *

Gender *
- ○ Female
- ○ Male

Date of birth
Date

12/13/2020

Nationality *

- Select a value -

Current country *

- Select a value -

Current city

About Me *

Common Site Features - IV

Students may enter the following additional information – each link leads to the relevant page for data input:

- Education and training

- Work experience

- Languages

- Skills

- Interests

- Projects

- Groups and associations

- Upload attachments

Pictures from ERASMUSINTERN.org

Common Site Features - V

Option to upload attachments related to studies, work experience, certificate copies or anything relevant to their qualifications

Add new Attachments

Category *

Resume ⌄

File

Choose File | No file chosen   Upload

Files must be less than 4 MB.
Allowed file types: txt pdf doc docx.

Description

✔ Save

Common Site Features - VI

3. Apprenticeship or Job Offers Search

Advanced search criteria may include the following:

- Diploma (select from list and free text?)
- Sector/Industry (select from list)
- Job Specialty (select from list)
- Duration (in months, select from list)
- Financial Compensation (yes, no)
- Commitment (full-time, part-time)
- Languages

Common Site Features - VII

Typical advance search screen (top part)

Pictures from ERASMUSINTERN.org

Common Site Features - VIII

Typical advance search screen (bottom part)

Duration

☐ 6 months	327
☐ 3 months	283
☐ 4 months	126
☐ 12 months	69
☐ 2 months	65
☐ 8 months	52
☐ 5 months	45
☐ 9 months	35
☐ 7 months	10
☐ 10 months	2
☐ 11 months	1

Compensation

☐ No financial compensation	641
☐ Financial compensation	316

Commitment

☐ Full-time	614
☐ Part-Time	401

Languages

☐ English	942
☐ German	74
☐ Spanish	67
☐ French	36
☐ Italian	29
☐ Dutch	15
☐ Russian	9
☐ Portuguese	6
☐ Greek	5

CRYPTOCURRENCIES ANALYST IN BARCELONA (OR REMOTELY)

Business Studies and/or Management Science, Communication and Information Sciences, Mathematics and/or Informatics

VF INVESTMENT — VF Investment — ♀ Spain, Barcelona

VF Investment is a brand-new Financial Service provider and Investment Advisory company in Barcelona, Spain. We believe that giving resourceful information of strategy and innovation by our passionate young workers will lead to your success.

Read more

Duration: 4 months   Post date: 13 Dec, 2020   Deadline: 31 Dec, 2020

MARKET RESEARCH IN BARCELONA (OR REMOTELY)

Digital Opportunity

Business Studies and/or Management Science, Communication and Information Sciences, Mathematics and/or Informatics

VF INVESTMENT — VF Investment — ♀ Spain, Barcelona

VF Investment is a brand-new Financial Service provider and Investment Advisory company in Barcelona, Spain. We believe that giving resourceful information of strategy and innovation by our passionate young workers will lead to your success.

Read more

Duration: 4 months   Post date: 13 Dec, 2020   Deadline: 31 Dec, 2020

FINANCIAL ANALYST IN BARCELONA (OR REMOTELY)

Digital Opportunity

Common Site Features - IX

Typical Apprenticeship Details Screen

Button to apply to or add to favorites

Internship details — Report internship

This is a Digital Opportunities Traineeship (DOT). If you want to apply for this internship, please remember that you have to be a student or recently graduated based in one of the **33 Programme Countries** participating in Erasmus+ or the Horizon 2020 **Associated Countries**.
Before applying for a Digital Opportunity Traineeship we encourage you to check with your university if you are eligible for Erasmus+ traineeship. You can read more about DOT's in our **information page**.

General information

Duration: 4 months
Commitment: Part-Time
Description:
VF Investment is a brand-new Financial Service provider and Investment Advisory company in Barcelona, Spain. We believe that giving resourceful information of strategy and innovation by our passionate young workers will lead to your success.

We have experienced traders and investment professionals that provide services for different segments such as Stocks, Commodity, Forex & Cryptocurrencies.

We are looking for candidates interested in market research that would like to participate in our internship program.

Due to COVID19 pandemic, we offer this internship in a smart work mode or at the office next year (in 2021).

What you will be doing:

- Data collecting
- Gathering and analyzing data on consumers and competitors.
- High quality lead generation
- Market research
- Preparing reports based on collected data
- Processing and performing statistical analyses on large dataset.
- Studying market conditions to examine potential sales of a product or service.

What you will get:

- International experience
- Remote work available.
- Friendly working environment.
- Improvement and implementation of your skills.
- Erasmus internship program available.

WE OFFER **Digital Opportunity** TRAINEESHIPS

Digital Skills and Jobs Coalition

Requirements

Languages:
English: Independent User B1

Level of Studies: Bachelor

Internship Centre

Apply to Internship

Development Cycle

The lifecycle of the software development project proceeds in the following six basic phases:

1. Analysis
2. Design
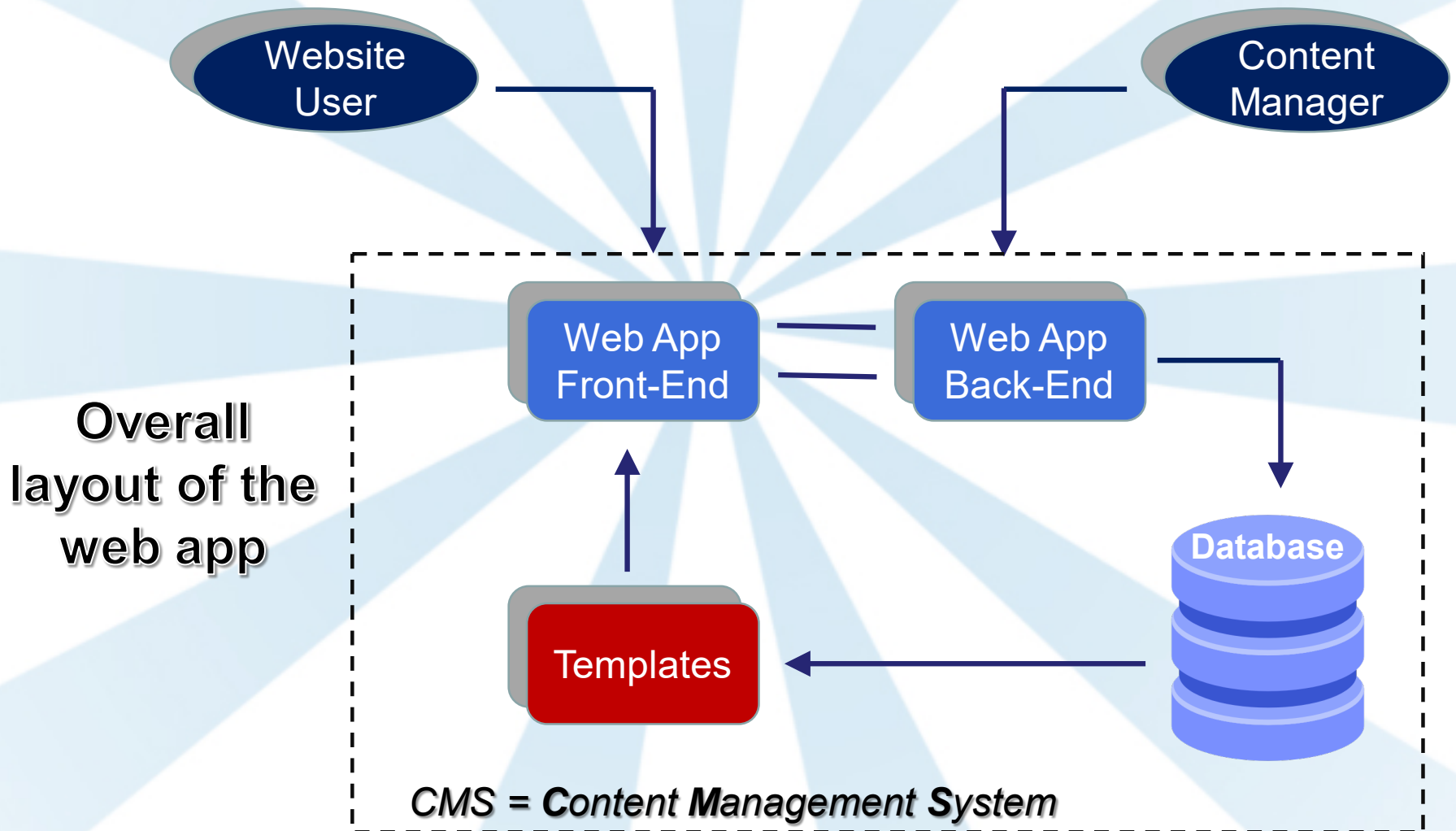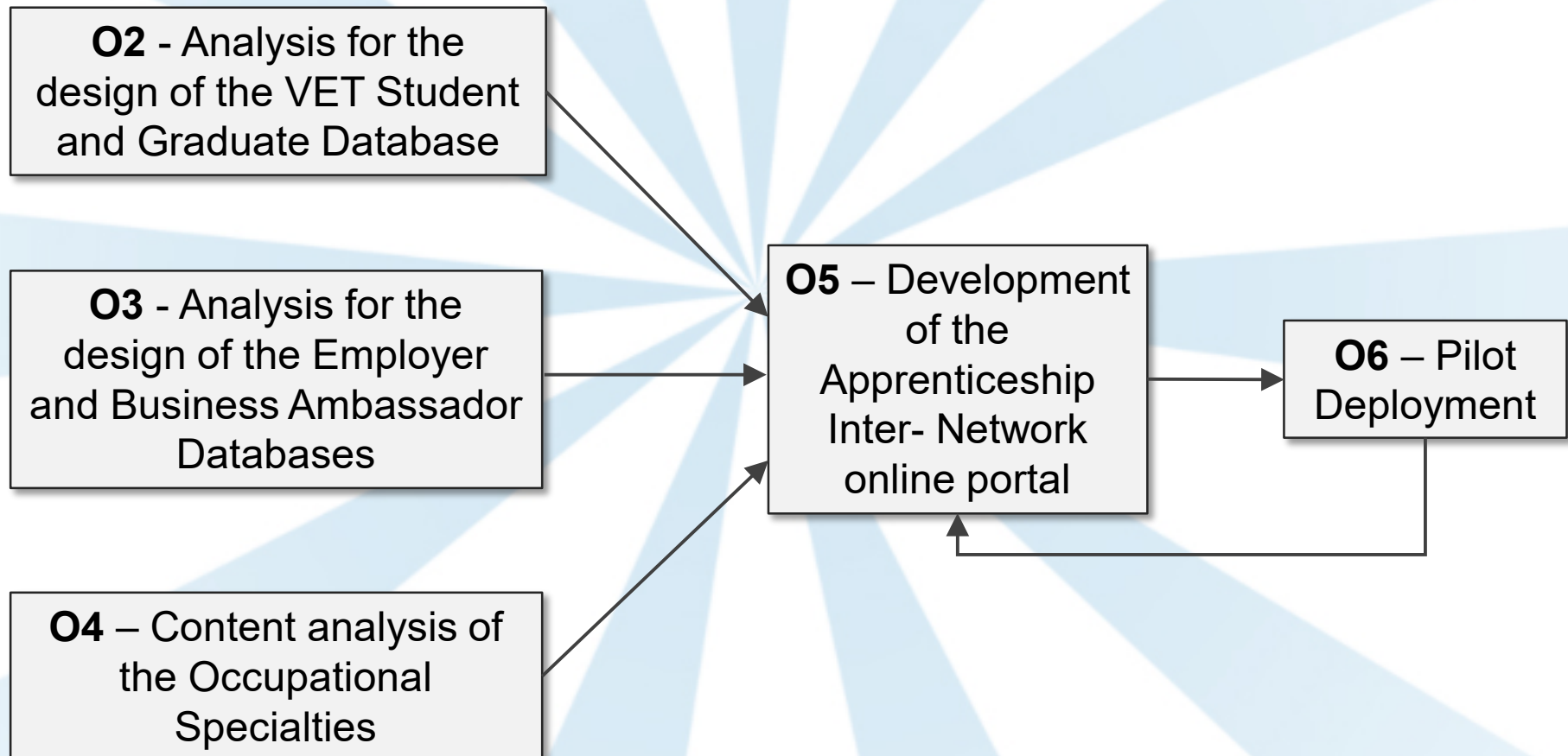3. Development
4. Test
5. Delivery
6. Maintenance

Phases of the Software Development Lifecycle
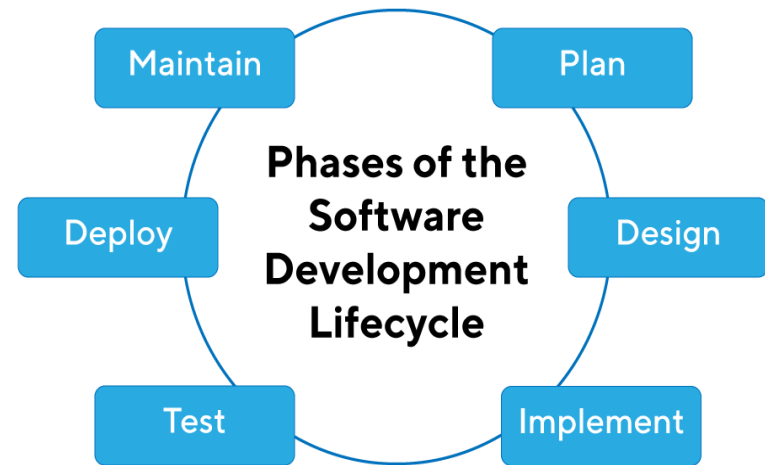
Phases details

- **Phase 1: Analysis**. The first phase involves understanding what need to be designed and what is its function, purpose etc. Here, the specifications of the input and output or the final product are studied and marked.

- **Phase 2: Design**. The design specifications created in this phase are used in the coding phase to actually write the code. The requirements are studied and evaluated, and the design of the system is prepared. The team's goal is to understand what actions need to be taken and what they should look like.

- **Phase 3: Development**. The actual coding of the software begins. Any flowcharts or algorithms created in the design phase are translated into a programming language.

- **Phase 4: Test and Delivery**. Once the code is complete, the software needs to be tested for any errors. When the testing is finished, the software is delivered to the end-user.

- **Phase 5: Maintenance**. Once end-users have been using the software, they may find additional problems. The development team will need to resolve, change, or modify the software to continue to be effective.

AppInterN CMS

Website User

Content Manager

Overall layout of the web app

Web App Front-End

Web App Back-End

Templates

Database

CMS = Content Management System

Project Phases

End of Presentation

Start of coding...

Dr. Georgios Kyriakakis