

Apprenticeship Inter-Network Online Platform

**Preliminary
Analysis
of Basic
Features**



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



Basic Database Entities

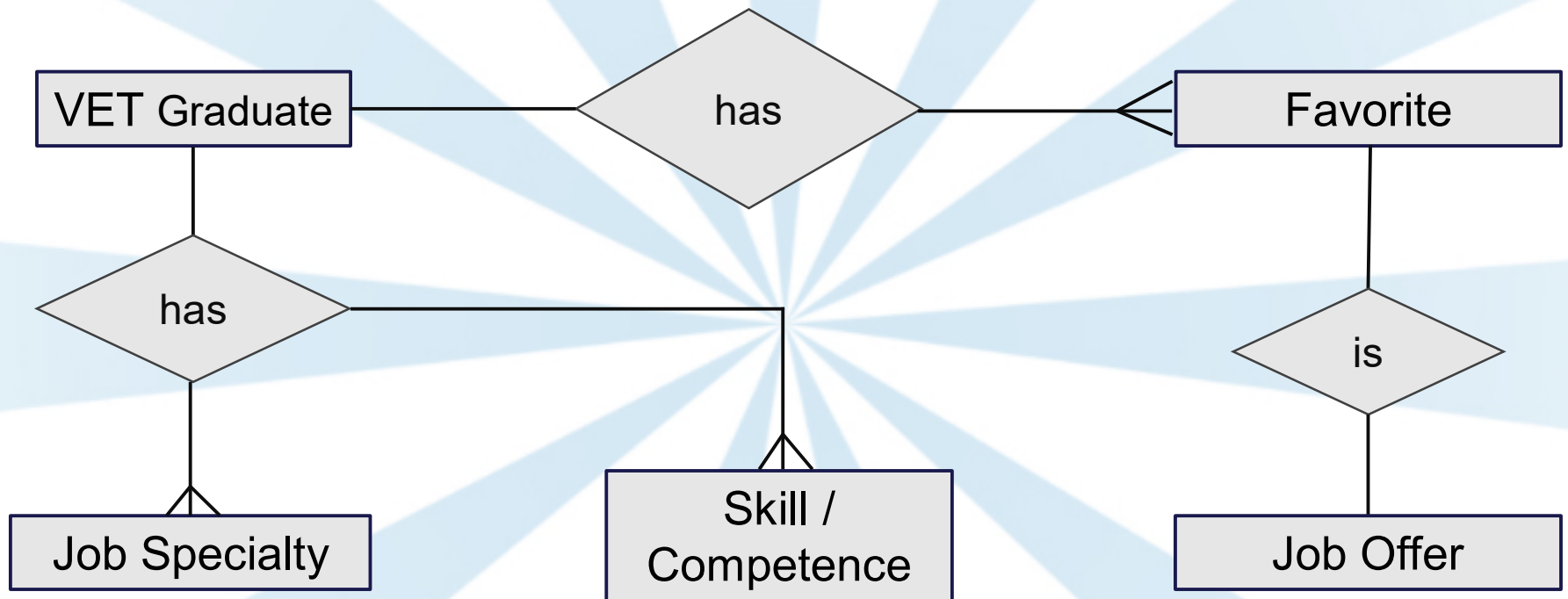
- 1) VET Students
- 2) VET Graduates
- 3) Employers
- 4) Business Ambassadors
- 5) VET Providers, Staff
- 6) Liaison Officers
- 7) Social Partners
- 8) Job Specialties
- 9) Business Sectors
- 10) Skills or Competences
- 11) Apprenticeship Offers
- 12) Job Offers
- 13) Activities
- 14) Favorites (Jobs,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



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

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

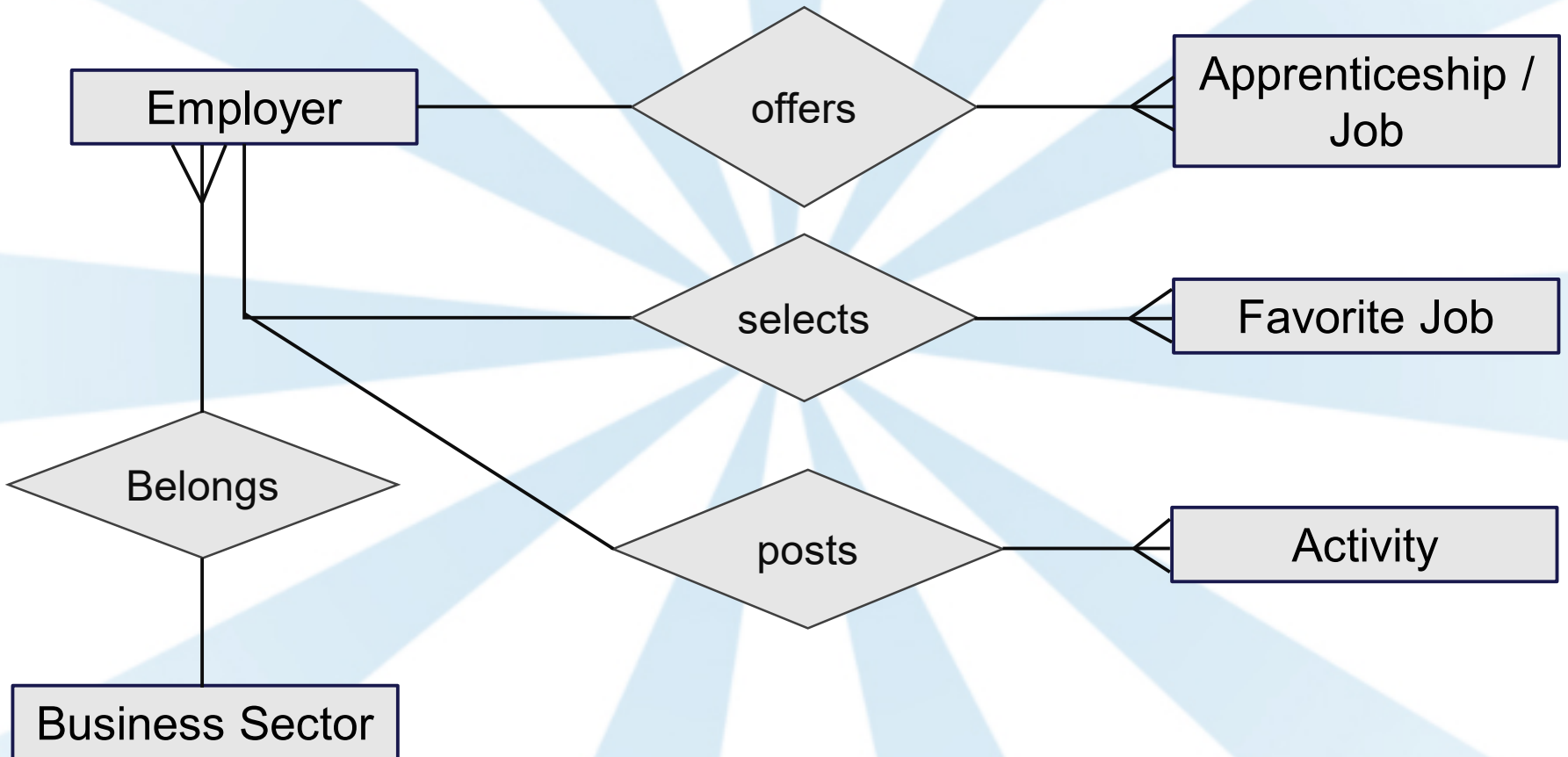
Relationships of Entities - I



Crow's foot means 'many'

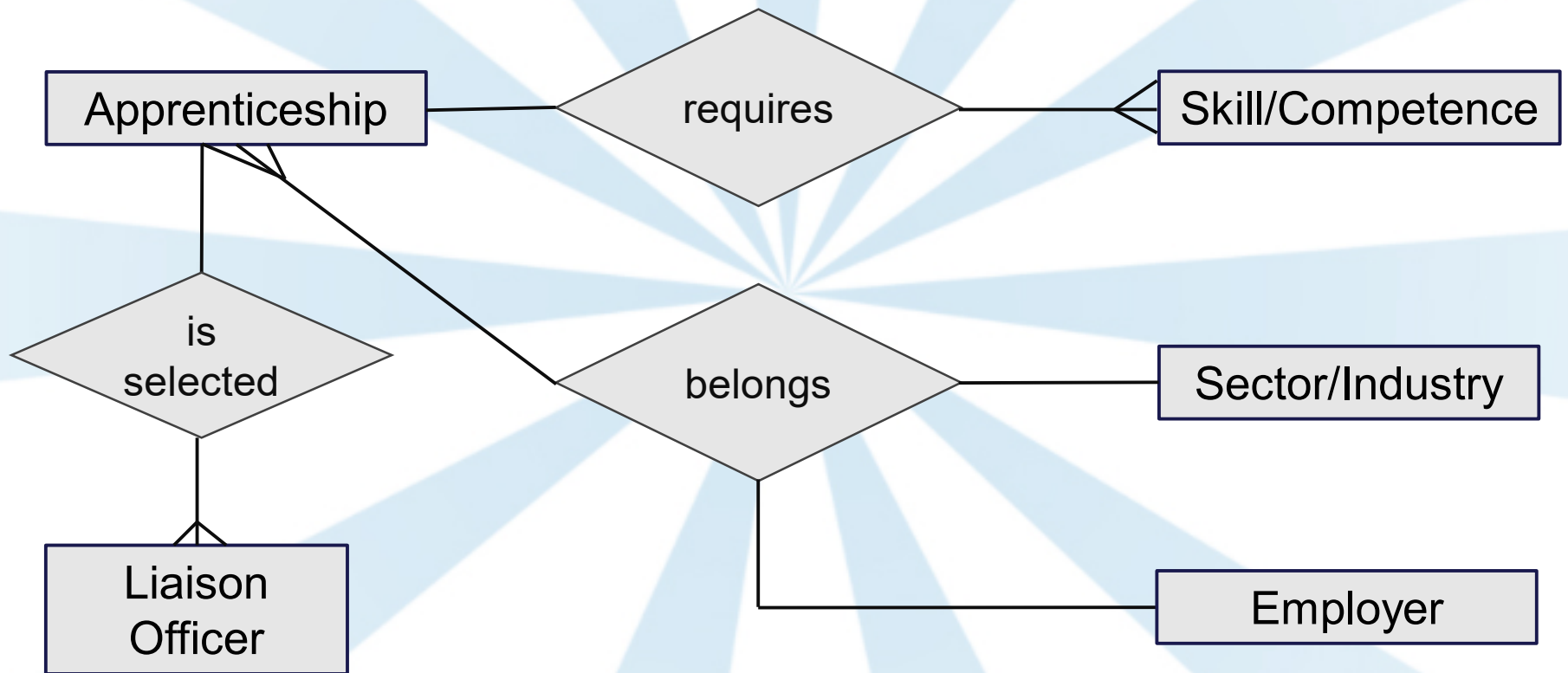
Student Schema

Relationships of Entities - II



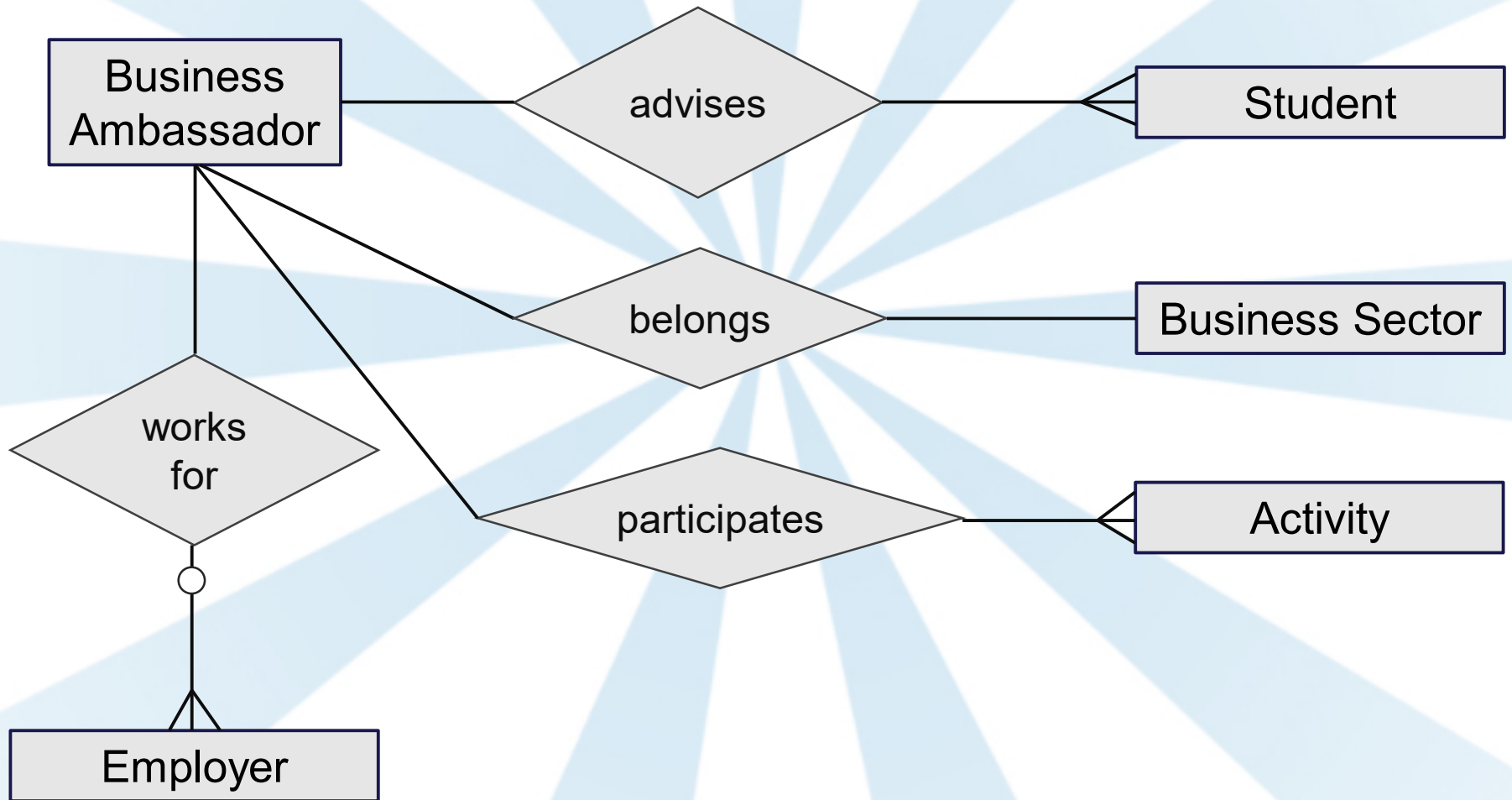
Employer Schema

Relationships of Entities - III



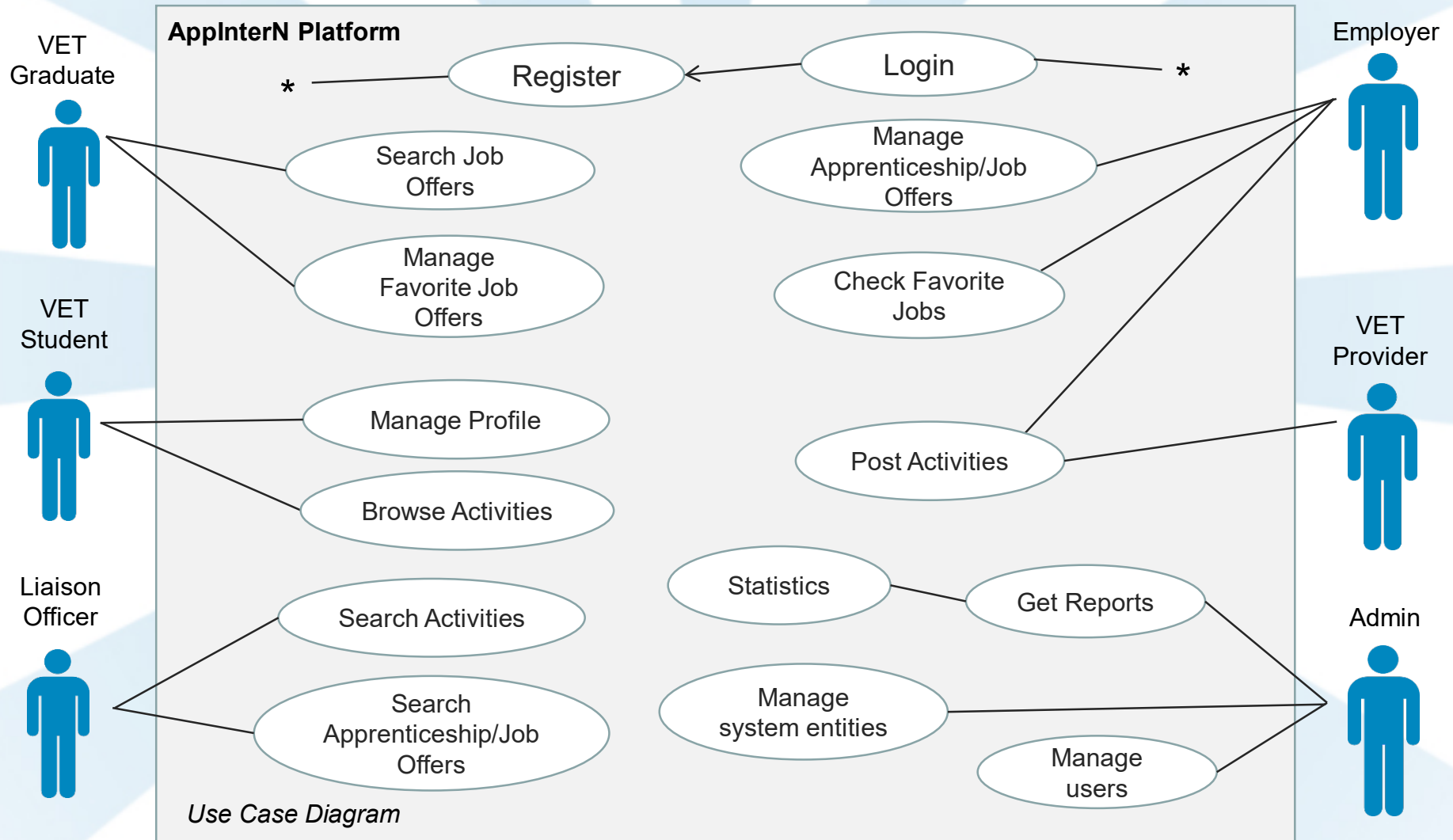
Apprenticeship Schema

Relationships of Entities - IV



Business Ambassador Schema

System Features



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*

Sign Up

☐ I'm looking for an internship

☐ I'm offering an internship

Email

Password

Confirm password

☐ I want to receive the ErasmusIntern newsletter

CAPTCHA

This question is for testing whether or not you are a human visitor and to prevent automated spam submissions.

T Q Q a K

☐ I agree with the [Terms](#) and [Privacy Policy](#) *

Create new account

Common Site Features - III

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

Typical user profile information

Personal Information

Photo

No file chosen

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

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

The screenshot displays a user profile page with a sidebar on the left and a main content area on the right. The sidebar includes links for 'Profile' and 'ESN Activities', a 'Profile Completeness' section with a progress bar, and a 'Settings' section with a red warning box stating 'Profile is not active. Recruiters can not see your profile.' The main content area lists several sections: 'Education and Training', 'Work Experience', 'Languages', 'Skills', 'Interests', 'Projects', 'Groups and Associations', and 'Attachments'. Each section has a corresponding 'Add here' button. A 'Preferences' section is also visible in the top right corner with an 'Add here' button.

Section	Action
Education and Training	Add here
Work Experience	Add work experience
Languages	Add languages
Skills	Add skills
Interests	Add interests
Projects	Add project
Groups and Associations	Add group and association
Attachments	Add attachment

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*

The screenshot displays the ERASMUSINTERN.org search interface. On the left is an 'Advanced Search' sidebar with filters for Degree, Digital Opportunities, and Field of studies. The main area is titled 'Internships Search' and shows a search bar with the text 'What are you looking for' and a dropdown for 'Where'. Below the search bar, it states 'Your search returned 1015 matching results.' The results are listed in a grid, showing details for three internships: 'Back End / Front End Web Developer Intern', 'DIGITAL MARKETING IN BARCELONA (OR REMOTELY)', and 'DATA ANALYSIS IN BARCELONA (OR REMOTELY)'. Each result includes a company logo, a brief description, location, duration, post date, deadline, and social media links.

Advanced Search

Degree

<input type="checkbox"/> Bachelor	521
<input type="checkbox"/> Master	77
<input type="checkbox"/> Short cycle or equivalent	16
<input type="checkbox"/> PhD	1

Digital Opportunities

<input type="checkbox"/> No	765
<input type="checkbox"/> Yes	250

Field of studies


<input type="checkbox"/> Communication and Information Sciences	536
<input type="checkbox"/> Business Studies and/or Management Science	479
<input type="checkbox"/> Art and Design	194
<input type="checkbox"/> Languages and Philological Sciences	165
<input type="checkbox"/> Engineering and/or Technology	158
<input type="checkbox"/> Social Sciences	141
<input type="checkbox"/> Education and/or Teacher Training	127
<input type="checkbox"/> Humanities	127
<input type="checkbox"/> Mathematics and/or Informatics	124
<input type="checkbox"/> Natural Sciences	80
<input type="checkbox"/> Agriculture Sciences	46
<input type="checkbox"/> Medical Sciences	35
<input type="checkbox"/> Architecture and/or Urban and Regional Planning	32
<input type="checkbox"/> Law	22
<input type="checkbox"/> Geography and/or Geology	8

Internships Search


What are you looking for Where

Your search returned 1015 matching results.


Back End / Front End Web Developer Intern

 Engineering and/or Technology, Mathematics and/or Informatics
eutoxia Portugal, Lisbon
WHAT'S EUTOPIA?
Duration: 6 months Post date: 13 Dec, 2020 Deadline: 4 Jan, 2021
[Read more](#)

DIGITAL MARKETING IN BARCELONA (OR REMOTELY)

 Business Studies and/or Management Science, Communication and Information Sciences, Mathematics and/or Informatics
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.
Duration: 4 months Post date: 13 Dec, 2020 Deadline: 31 Dec, 2020
[Read more](#)

DATA ANALYSIS IN BARCELONA (OR REMOTELY)

 Business Studies and/or Management Science, Communication and Information Sciences, Mathematics and/or Informatics
VF Investment Spain, Barcelona
Duration: 4 months Post date: 13 Dec, 2020 Deadline: 31 Dec, 2020
[Read more](#)

Common Site Features - VIII






Typical
advance
search screen
(bottom part)

Duration	
<input type="checkbox"/> 6 months	327
<input type="checkbox"/> 3 months	283
<input type="checkbox"/> 4 months	126
<input type="checkbox"/> 12 months	69
<input type="checkbox"/> 2 months	65
<input type="checkbox"/> 8 months	52
<input type="checkbox"/> 5 months	45
<input type="checkbox"/> 9 months	35
<input type="checkbox"/> 7 months	10
<input type="checkbox"/> 10 months	2
<input type="checkbox"/> 11 months	1


Compensation	
<input type="checkbox"/> No financial compensation	641
<input type="checkbox"/> Financial compensation	316


Commitment	
<input type="checkbox"/> Full-time	614
<input type="checkbox"/> Part-Time	401

Languages	
<input type="checkbox"/> English	942
<input type="checkbox"/> German	74
<input type="checkbox"/> Spanish	67
<input type="checkbox"/> French	36
<input type="checkbox"/> Italian	29
<input type="checkbox"/> Dutch	15
<input type="checkbox"/> Russian	9
<input type="checkbox"/> Portuguese	6
<input type="checkbox"/> Greek	5




CRYPTOCURRENCIES ANALYST IN BARCELONA (OR REMOTELY)










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

VF Investment  Spain, Barcelona



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MARKET RESEARCH IN BARCELONA (OR REMOTELY)










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

VF Investment  Spain, Barcelona



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[Read more](#)

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



FINANCIAL ANALYST IN BARCELONA (OR REMOTELY)





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

Common Site Features - IX

Typical Apprenticeship Details Screen

Button to apply to
or add to favorites



*Pictures from
ERASMUSINTERN.org*

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.



Digital Skills and
Jobs Coalition

Requirements

Languages:

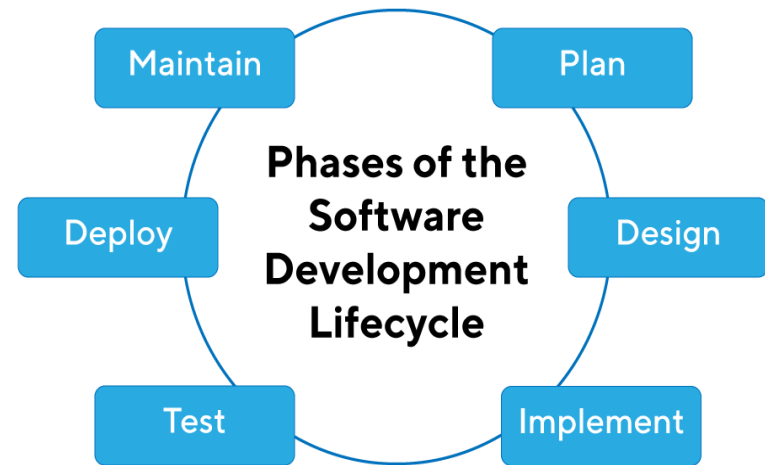
English: Independent User B1

Level of Studies: Bachelor

Development Cycle

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

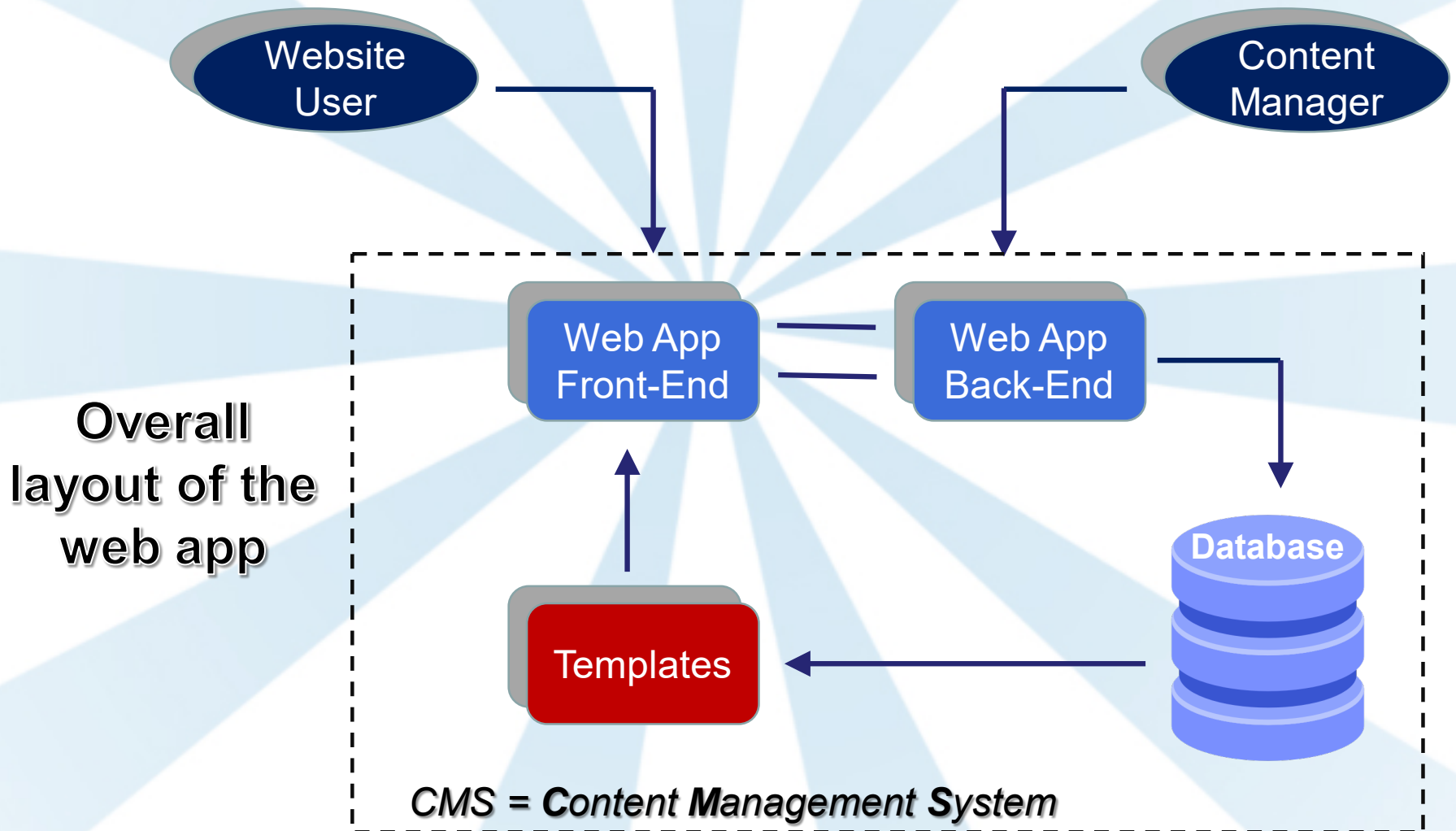
1. Analysis
2. Design
3. Development
4. Test
5. Delivery
6. Maintenance



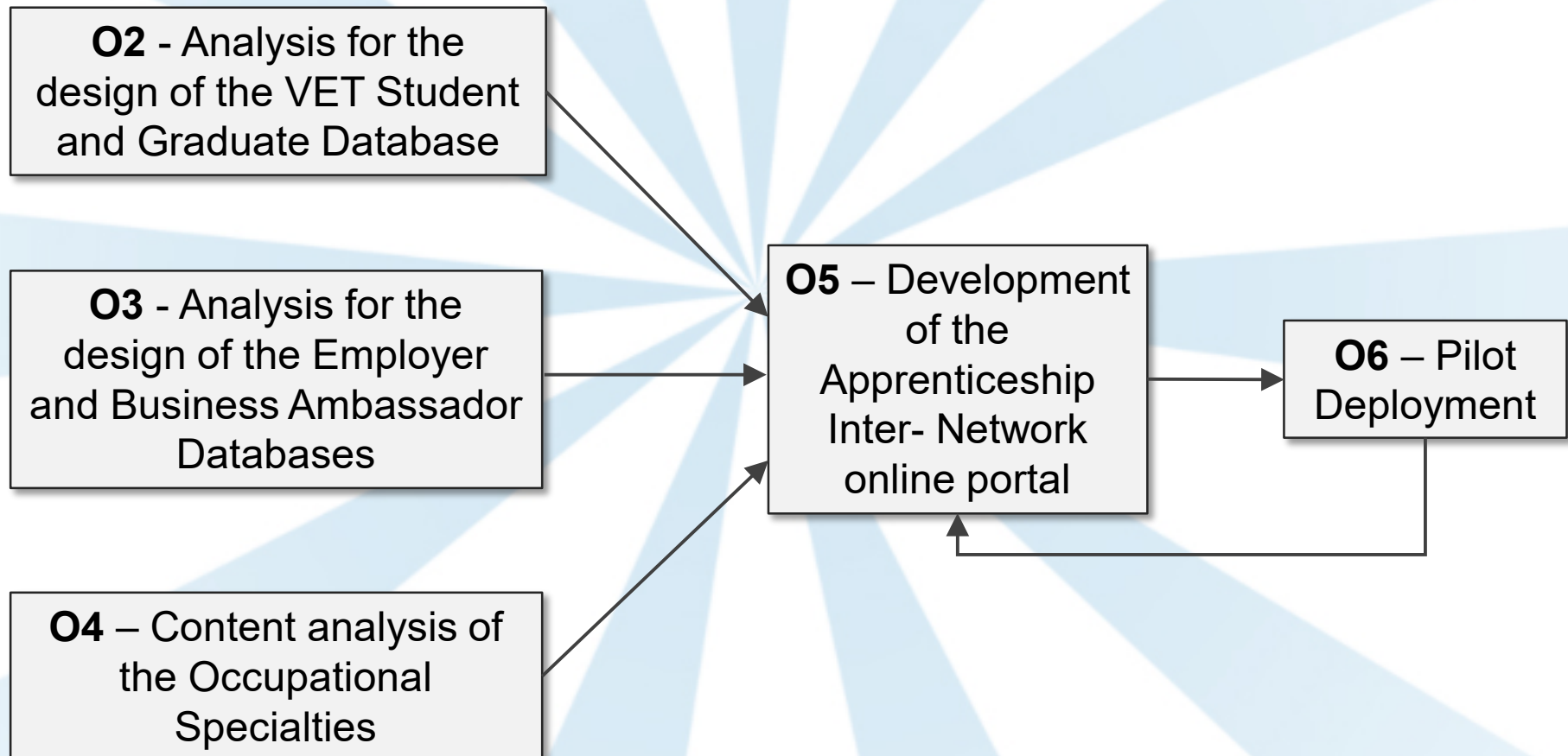
Phases details

- **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



Project Phases



End of Presentation



Co-funded by the
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of the European Union



Start of coding...

Dr. Georgios Kyriakakis