

Center for career development in professional studies

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Review of presentation

- The aims
- The activities
- Development of the model and the information model for Career planning
- The implementation of the developed model for career planning
- Creation of the information model for career planning
- Possible preview of future site for Career planning

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- Proposed structure and activities for the Development of on-line center for career planning
 - The general structure of Information Model for Career planning

Center for career development in professional studies

Authors of the proposal for the development of the Center for career development in professional studies:

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Center for career Development in professional studies

The aims:

- Preparing students
 - for entering the job market after graduation
 - and providing knowledge and skills that are now required in the labor market.
- The center is designed as a student utility service,
 - which includes a variety of programs that provide support to students and graduates in career development and activities regarding successful job search.

I phase – analyses and planning

The activities are:

- Analysis of existing models of Centers for Career Development in the Republic of Serbia. (3 days)
- Analysis of existing models of Centers for Career Development in Europe. (3 days)
- Constitution of the Career Development of professional studies – preparing regulations. (5 days)
- Development of Rules and Procedures of the Career Development of professional studies. (5 days)
- Organization of free seminars in the field of computer science, business statistics, language, business communication, marketing and so on. (5 days per seminar)

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- Capacity building through the establishment of a network of services in career development of professional studies in the Republic of Serbia (Uzice, Subotica and Belgrade). **(3 days)**
 - Examples of good practice in EU partners institutions (Gent or Porto or Aalen) **(7 days)**

II phase - Development of the model and the information model for Career planning

The activities are:

- The detection, capture and connection of all stakeholders involved in the process of student internships, employment and education and long-life learning.
- Participants in the model are: students, educational institutions, employers, governmental entities (Ministry, Employment Agency ...), a variety of services and businesses for employment, student organizations, nongovernmental organizations, etc.
- Determination of the role of each participant in the model.

II phase - Development of the model and the information model for Career planning

- Definition of the metadata on the basis of which it is possible to pair and connect the beafore mentioned players, based on the defined criteria.(optionaly)
- Definition and implementation of the student-worker, institution and employer profile.
- Design and implementation of the system for defining recommendations and guidance for the student-workers.

III phase - The implementation of the developed model for career planning

Activities are:

- Analyze students' traits, competences, preferences, desires and ambitions, to be able to define and create a profile of the student
- Define the survey on which to diagnose the students' qualities of competence and ambition.
- Define the necessary and sufficient parameters for student profile (which can be determined on the basis of previous survey).

III phase - The implementation of the developed model for career planning

- Analyze the needs of employers regarding the future workers.
- Define the survey on which to diagnose the workers' characteristics - competences required by the employers.
- Define the necessary and sufficient parameters for worker profile (which can be determined on the basis of previous survey).

III phase - The implementation of the developed model for career planning

- Analyze the opportunities for further education and the necessary preconditions, to be able to define the possible courses for further education and continuing education.
- **Create a database of potential educational institutions**, with preconditions and competences that can be acquired.
- Analyze the opportunities for students practice - Define the set of companies participating in internship offerings.

III phase - The implementation of the developed model for career planning :

- **Create a database of potential employers** (for student internship) with the prerequisites and competencies required.
- Analyze the abilities for internship, education and employment abroad.
- Define the necessary and sufficient conditions for cooperation with educational institutions and employers abroad.
- Define the matrix of conditions and regulations and links.
- Establish the cooperation with companies and offices and faculties, which engage in activities regarding career planning.
- Define the matrix of participants and links.

For the creation of the information model for career planning, the following activities are needed:

- Define the set of metadata which enables pairing of objects. (optional)
- **Define the objects and object attributes** involved in the process (students, professors, employers, educational institutions, employment institutions, government organizations, nongovernmental institutions, etc.).
- **Design the data model** (objects / entities)
- Design the meta model (optional)

For the implementation of the developed model for career planning, it is necessary to perform the following activities:

- Design the system for recommendations and guidance related to student activities.
(optional)
- Define mappings between the participants in the system based on the metadata model.
(optional)
- Define and organize events (exhibitions, lectures, advertisements) and workshops (training for CV creation, presentation, communication, etc.).

For the implementation of the developed model for career planning, it is necessary to perform the following activities:

- Notification and information on events related to Career planning environment.
- **Define a Web application** so that customers from any location can apply, fill out the survey and create their own profile, and also to obtain the required recommendation or routing.
- The database and server part of the application has to be located on a central server evolved from the IS Academy ???

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- Possible preview of future site for Careet planning



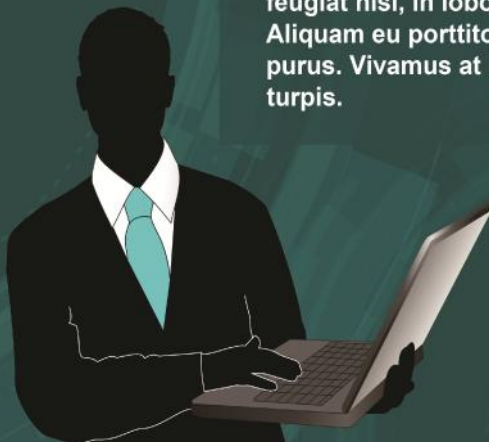
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■ **Proposed structure and activities for the Development of on-line center for career planning**

- **The first part, which I have presented is the IDEA for the Career planing project and it is very ambitiously imagined.**
- **The second part, I will just tok about is possible solution for realization.**
- **It describes what is now possible to realize for time and costs which is planed by budget for schools BeUzSu.**

Proposed structure and activities for the Development of on-line center for career planning

- 1. Management of activities 10 days
- 2. Development of structures and algorithms for on-line center for career planning. 10days
- 3. Registration of available domen 1 day
- 4. Design of web portal. 4 days

- 5. Database development

10 days

- a. Database of the companies
- b. Database of jobs, internships...
- c. Database of schools
- d. Database of students
- e. Database of additional materials (instructions, lectures...)
- f. Alumni database (possible connection with existing Tempus projects that deal with this matter)

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- 6. Programming of the portal 12 days
 - 7. Programming of the administration panels 7 days
 - a. Root administration panel
 - b. Panel for companies
 - c. Panel for students
 - d. Panel for schools
 - e. Contact

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- 9. Initial input of data 5 days.
 - 10. Promotion in all institutions 13 days.
 - 11. Promotion a data gathering for companies (this activity requires the involvement of all other partners to be able to promote the portal in all areas. The suggestion is to have a minimum of 5 days for each partner to finish this activity)
5 days
 - 12. Training in other partner institutions
12 days
 - 13. Preparing of reports
5 days



- LET'S DO IT!

- THANKS!



Career planning Objectives

- Improve student practice:
 - Connect to companies,
 - Linking with other schools, colleges,
 - Connect with other firms (praxis)
 - Database of possible practice in enterprises,
 - The base laboratory on a possible practice (gaining practical experience for future work outside their schools and not in the company or mixed)

Career planning Objectives

- Recommendations for Employment, - it would be some activities
 - Improving soft-skills,
 - Connection with the economy

- Directing for LLL
 - What continues to teach / learn (based on desire, abilities and competencies in relation to the needs of the market and the economy),
 - Where continues to teach (country, abroad)

The general structure

■ Student

- Education,
- Personal,
- Psychological,
- Knowledge of languages
- Special skills

■ Worker

- General information (age, length of service, gender)
- Education,
- Experience,
- Personal characteristics,
- Psychological,
- Knowledge of languages

The general structure

■ **Potential practitioner**

- Education,
- Experience,
- Personal characteristics,
- Psychological

■ **Businesses**

- General characteristics
- Requirements

■ **Schools**


- General characteristics

ROLES

- The company is a user
It has a need for the worker, practice, further education
- Student is a user
He has desires and personal possibilities.
- There are also schools as a user
There are services that offer some additional training (LLL)

Preparing the agenda for a future meeting Belgrade Uzice Subotica

- First day at 3 times * 3 hours
 - Presentation of the survey – Uzice (3 hours)
 - Presentation of models - Belgrade (3 hours)
 - Presentation IS - Subotica (3 hours)
- The second day of 8 hours
 - Reviewing the survey
 - o Perform meta data
 - Define mappings
 - o Establishing links between objects
 - o Creating Output
 - o Creating a user interface
 - Defining the inputs and outputs
 - o Inputs
 - o Outputs
 - o Algorithms
- The third day of 8 hours
 - Review
 - Conclusions



THE END!!!



THANKS FOR ATTENTION!!