



CENG491

PROPOSAL REPORT



PseudoSoft

Group Name : PseudoSoft

Group Members:

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Project Description:

Our aim in this project is to develop an online job seeking platform. But this platform is not similar to classical job seeking sites like kariyer.net, yenibiris.com, etc. It's main aim is not holding a database and making matches between job seekers and firms. Instead, our aim is to create a gateway for a common usage of the existing portals. For example, a job seeker will be able to create a CV from our web site and then this CV will be send to all the job seeking web sites. In the same way, a job search done by a job seeker from our web site will result with jobs found from other portals. According to the search criterias the job seeker enter, we will make query searches from different portals, combine and list them with the interface of our web site and let the user see this list. The applications to the results will not be taken from our web site. We will just give a link to the portal and job id since we do not want to effect other job seeking portals. Our aim is not being a rival to kariyer.net, yenibiris.com or any other. Our purpose is to combine them and let the users reach these sites from one hand. If we try to be a rival to these sites, we will not be able to find any partner portals to make search for.

If we finish the main tasks of our project as mentioned above, we are planning to make some additions to the project. We have discussed a bit about what these additions can be and found the following.

- A job searching property according to the department that the seeker graduated. Most of the web portals does not provide this property although most companies have a requirement of this kind.
- A forum for both job seekers and companies in which they can interact and talk about the job they are about to apply.
- A report creating mechanism on who is taken to which job. This may be used by "İş-Kur" to create statistics and make decisions according to that.

These additions to the project definition are only thoughts on the project. The decision of developing them or not will be decided later according to the project meetings done inside the group and the meetings with the asistant.

Since the project is given to us by the firm "SoftwareAG", we will use their own systems for the development phase. They own two systems: webCross and webMethods. Up to this time, they couldn't provide us these systems because of the Academic License problem. So while this proposal is being written, we only have theoretical information about these systems. In our meeting, they shortly mentioned what these systems are and from that presentation we gathered the following information:

- **Crossvision Application Designer** : Works in the design phase of the project using Web 2.0 technology. Provides % 95 percent of the components that can be used in web environment. It can be thought as providing the AJAX Development part.
- **Application Composer** : Works as collection of tools used for design of Web Services. Also makes page navigation easier.
- **Service Orchestrator** : It is used as Enterprise Service Bus (ESB). Reaches, updates and changes information from different portals.
- **Active BPEL** : Works for the same aim with Service Orchestrator. But this one is better in asynchronous situations. You can manage different services with this tool.
- **Tamino XML Server** : If we need some metadata for our project, we will use this tool for creating an XML database.
- **CentraSite** : Used for Metadata Management.
- **BPM (Business Process Management)** : May be used for project management.

These are the technologies that webMethods provides us with small changes. We will make our decision when we will have access to this service. So we cannot say anything about what we will use in our project.

Now after this point we want to give information about our group and decisions we have made. Some information after here are the things that our lecturer "Meltem Turhan Yöndem" wanted us to think about and write it to our proposal.

The Roles Of the Group Members:

- **Project Manager** : Furkan Kürşat Danışmaz
Responsible for creating and assigning the tasks. Also he will be warning us about keeping the deadlines.
- **Librarian** : Ömer Nebil Yaveroğlu
Responsible for keeping the documents, codes and all the project related stuff in an ordered manner and providing them in a need.
- **External Affairs**: Gülsüm Selcen Mülazımoğlu
Responsible for organizing our meetings and being in contact with the firm, assistants and all the external people related to the project.
- **Tester** : Mehmet Bahattin Yaşar
Responsible for testing all the products and documents we have developed. He is also responsible for determining all the negativities in our project.

Communication In the Group:

We are going to use Microsoft Groove for file sharing, project discussions and announcement making. On the other hand, we will have meetings. These meetings will have a duration of at least 2 hours. In a need for meeting Selcen will organize a meeting according to our needs.

The Main Tasks We Have Found:

- The creation and distribution of the CV's.
- Making a search in other sites.
- Other additional features.

The Software Development Model Will Be Used:

The linear model, that we will use in our project will be our own model but it will be similar to the spiral model. The project code will be developed by four people as a team. Because of this, this model has been selected as software development model as it is one of the most suitable models for team work. On the other hand, it is more able to cope with the (nearly inevitable) changes that software development generally entails.

The Group Decisions We Have Made:

- Attendance to the group meetings is mandatory.
- Meetings will be done at least two times in a week.
- The punishment mechanism is as follows:
 - Missing 1 meeting: Buying coffee to each member in the group, whenever they want, throughout a day.
 - Missing 2 meetings: Buying an “Ayvalık Tostu” and a drink to all group members
 - Missing 3 meetings: Taking all group members to dinner
 - Missing more : Taking all group members to dinner and buying a desert after dinner.
- The emails and announces should be read on a daily basis and should be answered. Also mentioning an announce is read is mandatory.

The Grade Expectations In The Group:

Mehmet Bahattin Yaşar – BB

Ömer Nebil Yaveroğlu – BB

Gülsüm Selcen Mülazımoğlu – BB

Furkan Kürşat Danışmaz – BB

The Risks We May Face and Impact Ratios in parenthesis :

- The workload of other lectures (5)
- Usage and adaptation to the tools we will use(4)
- Coordination problems with the company(3)
- Health Problems(2)
- Disagreements in the group(1)

Project Cost Value : As a result of 9 months of work, the project should cost at least 100000 YTL.