PROJECT LIFE CYCLE

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Bibliography Web Application

1. Initiation Phase

1.2 Business case

Project Name	Bibliography web application
Project sponsor	National and University Library of B&H
Date of Project Approval	January 2018
Contribution to Business Strategy	This project is designed for the users of National and University Library of Bosnia and Herzegovina to have an insight of the bibliography database and have access to information from their home.
Benefits	- Easen up the process of getting information - Modernize their system - Attract new clients
Timescale	Estimated time the project will take is 1-2 months.
Cost	Software - $0 Project Management - $5,000 Maintenance - $500/month
Risks	At the moment everything looks straightforward. There is the risk of the application not meeting the needs of the Library

2. Planning Phase

In this phase I will try briefly to explain what am I going to do. The Library has given me loose hands when it comes to technologies that I will use, their only interest is the functionality and the final product. I have choosen to do it in Microsoft Visual Studio with ASP.NET and SQL Server. First of all I am going to create a database that will contain all the data about bibliographies that will be available for users to look for. Second thing that I will do is create a simple website that will have several text boxes in which users can input their parameters and filter their search. The design of the webpage will be simple and user frinedly because the people that are going to use are „basic users" so I need to adapt it to them. Third thing is that I will connect the database with my web application and create an SQL command based on the users input. The output will be displayed with the proper syntax which the Library has requested from me.

3. Execution Phase

I have finished this project in 1 month and created a web application which is doing exactly what I have described in planning phase. I have created a simple website that has 7 fields for client to filter their search. The C# part of the application is creating a connection with the database, creating an SQL statement, sending it to the database and retrieving the result data. This was the longest phase and I wanted to make sure that it suited their needs, because the Library has a special format in which they output the data like:

Abdic Adem
Metode izbora optimalnog portfolia vrijednosnih papira. / Abdic Adem – Bibliografija: str. 111-131

4. Closing Phase

The project objectives have been met and the potential risk was minimized. In this phase I have tested the application in order to see if there are some bugs that need to be fixed. For now everything is working as it is supposed to. There was no additional cost besides the one defined at the beginning of the project. Project has been a success but we shall see will it become a part of the live system.