

# Project Plan for nSite Central

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# Brief Summary

- Statement of Work - Ryan
- Resource List - Ryan
- Roles - Kyle
- Schedule - Mike
- Risks - Mike

# Statement of Work

- We are developing nSite Central for Patterson Dental
- One part is Web-based
  - We will be concentrating on this part
- Other part is data mining
  - Will develop as time allows

# Resource List

- at least 2 computers running Windows XP or higher (for testing purposes)
- an IDE for web development (Microsoft Visual Studio 2008)
- web application development framework (ASP.NET)
- database software (MS SQL Server 2008)
- two different web browsers in which to test our code (IE7 and FX3)

## Resource List (cont.)

- version control software (Subversion)
- web server software (IIS)
- books and other materials necessary for learning ASP.NET and MS SQL
  - C# and WCF if time permits for agent development
- a conference room to hold meetings and reviews
- email, phone, and/or live video services by which meetings with client can take place

# Roles

- Team Leader
- Researcher
- Interface Designer
- Database Specialist
- Network Designer

Role	Team Leader
Member	Michael Dunn
Description	The person in this role is responsible for managing the team, maintaining contact with the client, making any crucial decisions that have a major impact on the project, maintaining the team website, and managing all important documents.

Role	Researcher
Member	Michael Dunn, Kyle Kerrigan, Ryan Sessions
Description	The person in this role is responsible for seeking out resources and materials necessary for learning about more technical aspects of the project. For example, one in this role would have to acquire specific books about ASP.NET in order to learn how to use it, and it is also the responsibility of the person in this role to share any knowledge they gain with all other members of the team.

Role	Interface Designer
Member	Kyle Kerrigan
Description	The person in this role is responsible for designing the “look and feel” of the graphical user interface of the Reporting Application and the I.S. Management Application. This person will design the layout of every single page in both systems.

Role	Database Specialist
Member	Michael Dunn
Description	The person in this role is responsible for implementing the schemas for both the security database and the data storage database. If time allows, this person will implement logic that allows the user to customize SQL queries.

Role	Network Designer
Member	Ryan Sessions
Description	The person in this role is responsible for the logic to establish and maintain connections between the main application and client sites. If time allows, this person will be responsible for the design and implementation of the data mining agent system.



# Risks

- Inexperience with ASP.NET
- Inexperience with MS SQL Server
- Team availability
- Acquisition of necessary resources

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**Risk****Inexperience with ASP.NET**

Probability

100%

Impact

Since this is the main development language for our project, not knowing ASP.NET would effectively halt all progress.

Actions

Assign each Researcher a specific topic in ASP.NET and have each Researcher share his findings with the rest of the team. Do individual research.

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**Risk****Inexperience with MS SQL Server**

Probability

100%

Impact

Since this is the only database language we will use for our project, for both information storage and security purposes, not knowing MS SQL Server would disrupt our backend database setup, effectively halting all progress.

Actions

Assign each Researcher a specific topic in MS SQL Server and have each Researcher share his findings with the rest of the team. Do individual research.

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**Risk****Team availability**

Probability

40%

Impact

With our conflicting schedules, if we cannot find time to meet for review and development sessions, lack of communication will ensue and project will get off schedule.

Actions

Make time in mornings, evenings, or whenever free time is available for team to meet. Assign Team Leader task of coordinating the meeting times based on each member's schedule.

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**Risk****Acquisition of necessary resources**

Probability

20%

Impact

If we fail to acquire the essential materials and tools, we will not be able to begin work on the project, and when work actually begins, it will be dictated by the tools we have at hand.

Actions

Do as much research as possible before coding process begins in the Spring.  
Make sure proper authorities who have access to required materials are aware of our need for them in advance.

Questions?