Running Head: *<Running Head>*

*<Title of the Capstone Project>*

*<Your Name>*

Regis University

Abstract

*Following APA format, the Abstract is “a single paragraph in block formation (i.e., without paragraph indentation), and do not exceed 120 words. Paraphrasing from the Publication Manual of the American Psychological Association (2001) an abstract is a brief, comprehensive summary of the contents of the Capstone allowing readers to survey the contents quickly. A well-prepared abstract can be the most important paragraph in your Capstone. Be sure your abstract is: accurate, self-contained concise and specific.*

*<Title of the Capstone Project>*

*Describe the specific computing problem you are studying, the importance of this problem, and the strategy you proposing.*

Background

*Describe the relevant literature and any SCIS coursework related to the Capstone you are proposing.*

Approach / Methodology

*Describe how you plan to go about accomplishing the objectives defined in the Introduction Section including the research approach being used.*

Results

*In the Results section, summarize any data you collected or the findings of the research approach described in the previous Approach section. Do not discuss the implications of your results in this section since they are presented in the next section. Use graphs and tables wherever appropriate in order to summarize your findings.*

Discussion

*In the Discussion section, you should evaluate and interpret the implications of your Capstone. Where appropriate this discussion should evaluate and interpret your results from the previous section. Use this section to critically reflect on and analyze your entire Capstone Project. Acknowledge the limitations of your Capstone, evaluate what you could have done differently, and present future directions. What larger issues are associated with your Capstone problem choice? This section should demonstrate your understanding of the SCIS curriculum as related to your Capstone. This should include discussing how the theory and practice from your computing degree major were integrated into the Capstone Project, and what competencies and knowledge were gained in your field of study. Summarize the objectives of your Capstone Project and how they were met.*

Abstract

Describe the project in a nutshell

Background

Describe the problem: need to adapt to rapid change, need to deal with uncertainty, need to be able to iterate and prototype, need to have confidence to make changes, need to keep up quality and performance.

Approach/Methodology

Describe the different design methodologies available: DDD versus traditional OOP such as RUP or MSF.

Describe the different reference architectures and complexity progression: Nerd Dinner to Oxite to Sharp Architecture.

Results

Describe why I went with DDD, and why I went with Sharp.

Discussion

The big architecture paper, intro, explain what I will do

DDD aspects:

The Bounded Contexts (eBay, SimpleStore)

The Ubiquitous Language

Continuous Integration (One man project thus far)

Entities & Entity Model

Value Objects

Services

Patterns & Practices

Test Driven Development

Dependency Injection

Convention over Configuration

Single Responsibility Rule/Loose Coupling

The Implementation

How the architecture accomplishes each Pattern/Practice

Conclusion

Areas for improvement

Personal recap

Sources

<http://nerddinner.codeplex.com/>

<http://www.asp.net/mvc/samples/mvc-music-store>

<http://wiki.sharparchitecture.net/>

<http://www.codeproject.com/KB/architecture/DependencyInjection.aspx>

<http://www.martinfowler.com/articles/mocksArentStubs.html>

<http://www.martinfowler.com/eaaCatalog/separatedInterface.html>

<http://devlicio.us/blogs/billy_mccafferty/archive/2008/10/30/refactoring-service-dependencies-to-separated-interface.aspx>

<http://www.dofactory.com/Patterns/PatternProxy.aspx>

(web tests) <http://geekswithblogs.net/Billy/archive/2006/05/10/77820.aspx>

(convention over configuration) <http://msdn.microsoft.com/en-us/magazine/dd419655.aspx>References

*See the APA style guidelines on formatting references.*

Appendix A

Capstone Product

*Because you may submit your Capstone Product as a separate document, this Appendix doesn’t have to follow strict APA formatting. If you submit your Capstone Product as a separate document, use the following text in this Appendix:*

The Capstone Product is attached as a separate document.

Appendix B

Capstone Product Presentation

*Because you may submit your Capstone Product Presentation as a separate document, this Appendix doesn’t have to follow strict APA formatting. If you submit your Capstone Product as a separate document, use the following text in this Appendix:*

The Capstone Product Presentation is attached as a separate document.