

University College of Northern Denmark

IT-programme

AP Degree in Computer Science

Dmaj0919

SOLVR.ONLINE

SYSTEM DEVELOPMENT

Repository:

Maros Cuninka, Sebastian Holesz, Samuel Horacek, Martin Hotka, Ioan-Sebastian Voinea

Aalborg, 20. 12. 2020



University College of Northern Denmark

IT-programme

AP Degree in Computer Science

**Class:** Dmaj0919

**Title:** SOLVR.ONLINE – SYSTEM DEVELOPMENT

**Abstract:**

**Project participants:**

Maros Cuninka

Sebastian Holesz

Samuel Horacek

Martin Hotka

Ioan-Sebastian Voinea

**Supervisor**:

Nadeem Iftikhar

**Submission date:** 20. 12. 2020

Contents

[**INTRODUCTION** 5](#_Toc54706884)

[**1.** **System Vision** 5](#_Toc54706885)

[**2.** **Business canvas (optional)** 5](#_Toc54706886)

[**3.** **Prototyping (Personas)** 5](#_Toc54706887)

[**4.** **Mock-ups** 5](#_Toc54706888)

[**5.** **Methodology (Compare plan driven vs agile vs kanban)** 5](#_Toc54706889)

[**6.** **Choice of method** 5](#_Toc54706890)

[**7.** **Planning** 5](#_Toc54706891)

[**8.** **Quality assurance & Quality management** 5](#_Toc54706892)

[**9.** **Reflections on methods and their uses in practice** 5](#_Toc54706893)

[**10.** **Risk analysis** 5](#_Toc54706894)

[**11.** **Requirements definition** 5](#_Toc54706895)

[**12.** **Functional** 5](#_Toc54706896)

[**13.** **Non-functional** 5](#_Toc54706897)

[**14.** **Configuration management** 5](#_Toc54706898)

[**15.** **Architecture?** 6](#_Toc54706899)

[**CONCLUSION** 6](#_Toc54706900)

[**REFERENCE LIST** 6](#_Toc54706901)

[**APPENDIX** 6](#_Toc54706902)

# **INTRODUCTION**

Text…

# **System Vision**

# **Business canvas**

After we came up with an idea what product we want to develop we decided to find out if it is even possible and would make sense for us to even start with it. For this reason and better understanding of the idea we created a business model canvas which helped us to visualize the core business concept.

As you can see in Appendix A – Business Model Canvas, on the right side we have our internal factors we considered as relevant for us – Key Partners, Activities and Resources. In the middle we have Value Proposition, which describes what values we want to deliver and on the right side there are external factors, such as Customers and Market in general.

# **Prototyping (Personas)**

# **Mock-ups**

# **Methodology (Compare plan driven vs agile vs kanban)**

# **Choice of method**

# **Planning**

# **Quality assurance & Quality management**

* 1. **Quality criteria and architecture**

# **Reflections on methods and their uses in practice**

# **Risk analysis**

# **Requirements definition**

# **Functional**

# **Non-functional**

# **Configuration management**

* 1. **Version control**

# **Architecture?**

# **CONCLUSION**

# **REFERENCE LIST**

# **APPENDIX**

Appendix A – Business Model Canvas

