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| **Project agreement for semester work IVIS** | | | **IVIS 2018** |
| Main topic | TV series | | e.g. Sports, Food, Politics, … |
| Student 1 | Kajan Vijayaratnam | | eMail-Address, Module name |
| Student 2 (opt.) | Nikko Purba | |
| Language | German | English |  |
| Title (preliminary) | Working title (may be changed later)  Game of Thrones | | |
| Dates | Preferred delivery and presentation date  Delivery: May 31 2018, Presentation: Jun 5, 2018  Delivery: Jun 7 2018, Presentation: Jun 12, 2018 | | |

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| Summary | Describe your concept in 500 characters  „Game of Thrones“ is a series famous for letting popular characters die. It is also a series that has gained a lot of popularity during its lifespan. We will look at the amount of deaths spread throughout the series and the amount of US-viewers of the show. We hope to see interesting results. Perhaps there is a direct correlation between the deaths and the viewers? Maybe we see a high rise in viewers directly after episodes with many deaths? |
| Data sources | Provide URLs to at least 2 data sources  TV-Viewers(US):  https://en.wikipedia.org/wiki/Template:Game\_of\_Thrones\_ratings  Dead Characters:  https://data.world/aendrew/game-of-thrones-deaths  http://time.com/3924852/every-game-of-thrones-death/ |

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| **Schedule** | Est. time | Comment |
| (1) data analysis | 1.50 h | Find available data sources and pick relevant ones |
| (2) story concept | 2.00 h | Describe story concept we would like to visualize |
| (3) data acquisition | 4.50 h | Clean up data with Tableau |
| (4) data integration | 2.50 h | Implement data fetching |
| (5) chart sketching | 4.50 h | Create paper sketches |
| (6) implementation | 12.00 h | Implement chart creation with D3 |
| (7) design | 5.00 h | Beautify the chart with CSS |
| (8) documentation | 4.50 h | Documenting the process and the final product |
| (9) presentation | 8.50 h | Prepare and hold the presentation |
| Total | 45 h | Make sure to plan at least 45 hours per student. |

Appendix

Additional material such as sketches, etc