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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  We want to show in our project, why the TV series «Game of Thrones» becomes during the years so popular worldwide and what kind of factors influenced this. The factors we would like to analyze are the following: Increase of TV viewers, Episode with the most viewers, Number of dead (main characters), Most viewers in correlation with dead of main character, cost of shooting per season in correlation with profit per season … |
| Data sources | Provide URLs to at least 2 data sources  TV-Viewers(Germany and US):  http://www.quotenmeter.de  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