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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 and its complex relationships. 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, the development of the relationships and the amount of US-viewers of the show. We hope to see interesting results. |
| Data sources | Provide URLs to at least 2 data sources  TV-Viewers(US):  https://en.wikipedia.org/wiki/Template:Game\_of\_Thrones\_ratings  (using the listed sources in the wikipedia article)  Character Relationships and Deaths:  https://github.com/stekhn/got-relationships |

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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 | 8.0 h | Prepare and hold the presentation |
| Total | 342 h | Make sure to plan at least 45 hours per student. |

Appendix

Additional material such as sketches, etc

On the page: <http://gfx.sueddeutsche.de/kultur/gameofthrones/> you can find an already implemented Demo using the data from our “Character Relationships and Deaths” source.

Our idea is to implement a similar graphic, with additional info regarding the amount of Deaths totally in individual episodes and the amount of US-viewers an episode had during its premiere.

We would also like to improve the design of the visualised data (in comparison to the demo) and are inspired by the following example: <http://fishfinger.me/game_of_thrones_interactive_wiki/>

We probably won’t be able to achieve such a beautiful design such as this one, but we would like to adapt some of its better designs. (Such as static positioning of the characters, perhaps visualisation of Family Crests).