Skeleton of my thesis

Section			Addressed items
Abstract			
Keywords			- Recommendation systems
			- Video recommendation systems
			- Metadata
1. Introduction			- Description of the topic and background of the thesis
			- The research questions
			- Structure of the thesis
2. Related literature	2.1 The NPO Start Recommendation System		- Explanation of the NPO start service and its "ribbons"
			- Description of the current collaborative filtering rec. system
	2.2 Hybrid Recommendation Systems		- Benefits of hybrid rec. systems
			- Different approaches for building a hybrid rec. system
	2.3 Personalised services		- A description of multimedia services that also provide recommendations (Netflix & Spotify)
	2.4 Metadata		- A definition of metadata with examples
			- The use of metadata in rec. systems
			- Metadata feature selection
3. Methodology	3.1 Description of the Data	3.1.1 User Interaction Information	- Description of the user interaction information
			- Explanation about the pre-processing of this information
		3.1.2 Content Features	- Description of the six content features
			- Graph displaying the richness of content features per series
			- Overview of the categorical features (broadcaster, credits & genres) and its pre-processing
			- Overview of the textual features (title, description & subtitles) and its pre-processing
		3.1.3 Feature Encoding	- Description of how the described content features are encoded into vectors
	3.2 Methods	3.2.1 The LightFM Model	- Description of the hybrid rec. system the LightFM model
		3.2.2 The Experimental setup	- Description of the setup of running the rec. system on all combinations of the content features
			- Description of the hyperparameter grid search on the best model
	3.3 Evaluation	3.3.1 Mean Precision@k	- Formula and explanation of the evaluation metric mean precision@k
		3.3.2 Mean Reciprocal Rank	- Formula and explanation of the evaluation metric mean reciprocal rank
4. Results	4.1 RQ1		- Results on the first sub research question 'What is the performance of the current recommendation system?'
	4.2 RQ2		- Results on the first sub research question 'Can the performance of the current recommendation system be improved by implementing a hybrid recommendation system?'
	4.3 RQ3		- Results on the first sub research question 'Which metadata features improve the performance of the hybrid recommendation system the most?'
5. Conclusions			- Conclusions of the results of all sub research questions
			- Conclusion of the main research question
6. Discussion			- Discussion of the used method
			- Discussion of the uthe results
			- Discussion of the conclusions
Acknowledgements			
References			
Appendix A: Content features			- A table that provides the type and a description of the six content features