Introducing Data Literacy at GJU (IDL@GJU)
Workshop Jena Sep 27th to Sep 30th 2021

Christina B. Class

September 7, 2021

1   Topics of this Workshop (activity 1)

The topics are defined in the Project Description:

T1: Introduction to Data Literacy and presentation of Data Literacy education approaches by external experts

T2: presentation of digitalisation and ongoing data literacy activities strategies of project partners

T3: evaluation and discussion of GJU specific needs

T4: development of a Data Literacy competencies evaluation questionnaire form

T5: definition of administrative tasks, responsible persons, communication mean, timelines

2 Schedule

	Sep 27th	Sep 28th	Sep 29th	Sep 30th	
9:00 - 10:30		Welcome	Data Literacy	group work 2	draft
10:45 - 12:15		Project slot	evaluation of competences	group work 3	questionnaire
1:15 - 2:45		Partner presentation	group work	collection of results 2	
3:00 - 4:30	Preworkshop	GJU presentation		review of draft	
4:45 - 5:30			collection of results	next steps; closing	
evening			dinner		

Meeting times and places:

- Sep 27th: meeting at 3 pm in the Hotel lobby

- Sep 28th: meeting at 8:00 am in the Hotel lobby

- Sep 29th and Sep 30th: meeting at 8:50 am at the meeting point at EAH Jena

3 Detailed Information

Note: I name all colleagues with Dr. and first name as was common at SEEIT at GJU.

	Topic	Description	Who	Notes
1	Preworkshop	➤ welcome and getting to know each other ➤ overview of the week ➤ discussion of administrative issues this meeting is somehow informal, will include a walk around Jena and the possibility to dine together	➤ all[1]	
2	Welcome	➤ welcome note and presentation ➤ ➤ of EAH Jena ➤ ➤ of GJU ➤ short info of the project	➤ Dr. Christina ➤ ?? from EAH Jena ➤ Dr. Ralf	also targeted towards EAH Jena

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[1]Dr. Christina and Dr. Ralf will join a bit later.

	Topic	Description	Who	Notes
3	Project slot	➤ welcome ➤ administrative information this is the formal project slot	➤ Dr. Rainer ➤ Dr. Abdullah	→ **T5**
4	Partner presentation	short presentation of German Partners: ➤ presentation of UAS ➤ study programs ➤ IT education in Non-IT study programs ➤ needs??	➤ Dr. Bettina ➤ Dr. Christina ➤ Dr. Frank ➤ Dr. Julia ➤ Dr. Rainer	15 min. each → **T2**
5	GJU presentation	➤ overview of study programs ➤ computing fundamentals: ➤➤ Jordanian regulations ➤➤ overview of different courses ➤➤ course descriptions of the different courses ➤ needs?	➤ Dr. Abdullah	→ **T3**
6	Data Literacy	input by external experts and discussion		[RRS$^+$15] [SB19] [SBH19] [GR18] → **T1**, **T3**
7	evaluation of competences	input of how to evaluate competences	backup ➤ Dr. Christina ➤ ???	
8	group work	➤ proposal of evaluation questions for specific competences ➤ competences (see **6**) are distributed among the groups[2]		
9	collection of results	collection and discussion of results of **8**		
10	group work 2	➤ discussion of the competences (see **6**) ➤ ranking of the competences ➤ importance for studying / internship in Germany	all (expect **12**)	

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[2]The selection of competences that should be covered in the questionnaire is made by Dr. Christina prior to the workshop.

	Topic	Description	Who	Notes
11	group work 3	this group work bases on group work 2 (**10**) ➤ situation of GJU / incoming students ➤ how to support students in Germany (courses?) ➤ course modules / content in German partner UAS addressing these issues	all (expect **12**)	Groups reshuffled ➜ partly **T1**, **T3**
12	draft questionnaire	based on the reults of **9** a draft questionnaire is developped (people selcted based on the Task-Responsibility Person Map)	➤ Dr. Abdullah ➤ Dr. Bettina ➤ Dr. Christina ➤ Dr. Dhiah	

13	collection of results 2	collection of results to
		➤ identify the competencies that should be strengthened
		   prior to going to Germany (thus addressed in the project)
		   and be evaluated in freshmen
		➤ start with catalogue
			all	➜ **OC1**[3]

14	review of draft	common discussion and review of draft	all	➜ **T4**
15	next steps; closing	next steps and responsibilities: ➤ finalizing the evaluation ➤ making available the evaluation electronically at GJU ➤ advertising the evaluation with freshmen ➤ collecting and summarizing results for Nov.[4] ➤ others . . .	➤ Dr. Rainer ➤ Dr. Abdullah	➜ **T5**

Table 1: Detailled Information

Reminder: In the first meeting on June 23rd 2021 the Data Literacy project at HS BRS (DAViD Project) was presented (➜ **T1** and **T2**).

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[3]Projektplanungsübersicht: OC1 (The cooperation among the universities is intensified and given more visibility and extended to the thematic topic of data literacy.) with Informationsquelle (A catalogue of course modules/content addressing Data Literacy within the DALA has been established, offered and initially evaluated.)

[4]If we develop a good set of evaluation questions, they can be translated to German and some partners of the Data Literacy Education Network expressed an interest in using it (we might in parallel evaluate the competences of many German students.)

References

[GR18]   Andreas Grillenberger and Ralf Romeike. Developing a theoretically founded data literacy competency model. In <u>Proceedings of the 13th Workshop in Primary and Secondary Computing Education</u>, pages 1–10, 2018.

[RRS+15]   Chantel Ridsdale, James Rothwell, Michael Smit, Hossam Ali-Hassan, Michael Bliemel, Dean Irvine, Daniel Kelley, Stan Matwin, and Bradley Wuetherick. Strategies and best practices for data literacy education: Knowledge synthesis report. 2015.

[SB19]   Katharina Schüller and Paulina Busch. <u>Data Literacy: Ein Systematic Review</u>. Number 46. Hochschulforum Digitalisierung, August 2019.

[SBH19]   Katharina Schüller, Paulina Busch, and Carina Hindinger. <u>Future Skills: Ein Framework für Data Literacy</u>. Number 47. Hochschulforum Digitalisierung, August 2019.

Plan of EAH Jena and meeting point