



CAPSTONE PROJECT 1

CMU-SE-450 / CMU-IS-450 / CMU-CS-450

MENTOR MEETING DOCUMENT

SMART DASHBOARD APPLICATION

Submitted by

Vo Van Hoa
Pham Van Tin
Ky Huu Dong
Tran Thanh Kieu

Approved by

Capstone Project 1 - Mentor:

Name

Signature

Date

Binh, Thanh Nguyen _____

A handwritten signature in blue ink, appearing to read 'Binh, Thanh Nguyen', written over a horizontal line.

_____ 14 - Dec- 2020

Name

Signature

Date

Huy, Truong Dinh _____

PROJECT INFORMATION			
Project Acronym	SDA		
Project Title	Smart Dashboard Application		
Project Web URL	https://sda-research.ml/		
Start Date	12 - Aug - 2020		
End Date:	15 - Dec - 2020		
Lead Institution	International School, Duy Tan University		
Project Mentor	PhD Binh, Nguyen Thanh; MSc Huy, Truong Dinh		
Scrum Master	Hoa, Vo	hoavo.dng@gmail.com	0935.193.182
Team Members	Tin, Pham Van	tinphamvan123@gmail.com	0932.535.175
	Dong, Ky Huu	kyhuudong@gmail.com	0898.246.980
	Kieu, Tran Thanh	thanhkieuTRAN391@gmail.com	0358.583.251

DOCUMENT INFORMATION			
Document Title	Mentor Meeting Document		
Author(s)	Team C1SE.06		
Role	[SDA] Mentor Meeting Document		
Date	14 - Dec - 2020	File name	Mentor Meeting Document
URL	https://github.com/sdateamdtu2020/sda-documents		
Access	Project and CMU Program		

17 - Aug - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 17 - Aug - 2020

Meeting Location: Online meeting

Approval: 17 - Aug - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh ,Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 15:00
- Meeting Actual start: 15:00
- Meeting note taker: Kieu

4. AGENDA

- Design data warehouse discussion
- ETL discussion
- RDF data cubes discussion

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Craw data	Dong	2 - Sep - 2020
Data warehouse schema	Hoa	2 - Sep - 2020
Get data from open data cubes	Dong	2 - Sep - 2020
Design Layout Dashboard	Tin	2 - Sep - 2020
Design Layout Homepage	Tin	2 - Sep - 2020

6. MEETING END

- Meeting Schedule end: 16:00
- Meeting Actual end: 16:00

Secretary

Kieu, Tran Thanh

18 - Aug - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 18 - Aug - 2020

Meeting Location: Online meeting

Approval: 18 - Aug - 2020

Recorded By: Kieu

7. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

8. MEETING LOCATION

- Online meeting: Zoom
- Meeting with mentor : Huy ,Truong Dinh

9. MEETING START

- Meeting Schedule start: 15:30
- Meeting Actual start: 15:30
- Meeting note taker: Kieu

10. AGENDA

- Topic discussion
- Proposal discussion
- Research benefits discussion
- Document requirements

11. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline

12. MEETING END

- Meeting Schedule end: 17:00
- Meeting Actual end: 17:00

Secretary

Kieu, Tran Thanh

04 - Sep - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 04 - Sep - 2020

Meeting Location: Online meeting

Approval: 04 - Sep - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 16:30
- Meeting Actual start: 16:30
- Meeting note taker: Kieu

4. AGENDA

- Discuss about data sources
- Discuss about how to load data from CSV to staging area
- Discuss about DW Schema, mapping language

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Specification in Data Source, ETL	Dong	11 - Sep - 2020
Specification in RDF Data Cubes, Linked RDF Data Cubes	Hoa	11 - Sep - 2020
Highlight province with highcharts & draw diagrams	Tin	11 - Sep - 2020
Update project plan, product backlog	Kieu	11 - Sep - 2020

6. MEETING END

- Meeting Schedule end: 17:30
- Meeting Actual end: 17:30

Secretary

Kieu, Tran Thanh

11 - Sep - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 11 - Sep - 2020

Meeting Location: Online meeting

Approval: 11 - Sep - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 16:30
- Meeting Actual start: 16:30
- Meeting note taker: Kieu

4. AGENDA

- Specification of RDF data cubes & linked RDF data cube
- Specification of data source & ETL
- Lorem ipsum

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Specification about Dashboard of linked data cubes	Hoa	17 - Sep - 2020
Specification about step of ETL	Dong	17 - Sep - 2020

6. MEETING END

- Meeting Schedule end: 17:30
- Meeting Actual end: 17:30

Secretary

Kieu, Tran Thanh

18 - Sep - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 18 - Sep - 2020

Meeting Location: Online meeting

Approval: 18 - Sep - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 16:30
- Meeting Actual start: 16:30
- Meeting note taker: Kieu

4. AGENDA

- Update Specification ETL Process
- Update Specification RDF Data Cube
-

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline

6. MEETING END

- Meeting Schedule end: 17:30
- Meeting Actual end: 17:30

Secretary

Kieu, Tran Thanh

05 - Oct - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 05 - Oct - 2020

Meeting Location: K50/78B Trung Nu Vuong Street

Approval: 05 - Oct - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Building: K50/78B Trung Nu Vuong Street
- Meeting with mentor : Huy, Truong Dinh

3. MEETING START

- Meeting Schedule start:14:00
- Meeting Actual start: 14:00
- Meeting note taker: Kieu

4. AGENDA

- Project topic discussion
- Web of Data Technology discussion
- Project current status discussion
- Technologies will use in the future
- Documents requirements, the research goals and benefits

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Require proposal	All member	15 - Aug -2020
OWL Content	VH, KD	
RDF Content	VH, KD	
Find the others resources	VH, KD	
React	VT	
GUI	VT	
React and JS library for RDF	All members	
Documents	All members	

6. MEETING END

- Meeting Schedule end: 15:00
- Meeting Actual end: 15:30

Secretary

Kieu, Tran Thanh

21 - Oct - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 21 - Oct - 2020

Meeting Location: Online meeting

Approval: 21 - Oct - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 16:30
- Meeting Actual start: 16:30

- Meeting note taker: Kieu

4. AGENDA

- Export data from DW to RDF Data Cubes
- Load data industry to maps

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Data Structure of Data Cubes	Hoa	1 - Nov - 2020
Update maps data	Tin	1 - Nov - 2020

6. MEETING END

- Meeting Schedule end: 17:30
- Meeting Actual end: 17:30

Secretary

Kieu, Tran Thanh

02 - Nov - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 02 - Nov - 2020

Meeting Location: Online meeting

Approval: 02 - Nov - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 9:00
- Meeting Actual start: 9:00
- Meeting note taker: Kieu

4. AGENDA

- Finish Data Structure of Data Cubes
- Merge climate data cubes & forest data cubes
- Export data cubes to JSON-LD
- Highlight data industry in maps

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Export Data cubes to json	Hoa	11 - Nov - 2020
Fetch data from json to maps	Tin	11 - Nov - 2020

6. MEETING END

- Meeting Schedule end: 10:00
- Meeting Actual end: 10:00

Secretary

Kieu, Tran Thanh

30 - Nov - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 30 - Nov - 2020

Meeting Location: Online meeting

Approval: 30 - Nov - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 17:00
- Meeting Actual start: 17:40
- Meeting note taker: Kieu

4. AGENDA

- Demo UI
- Discuss in data source
- Mapping structure from data source to data cube
- Data retrieval

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline

6. MEETING END

- Meeting Schedule end: 19:00
- Meeting Actual end: 19:00

Secretary

Kieu, Tran Thanh

08 - Dec - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 08 - Dec - 2020

Meeting Location: Online meeting

Approval: 08 - Dec - 2020

Recorded By: Kieu

1. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

2. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

3. MEETING START

- Meeting Schedule start: 17:00
- Meeting Actual start: 17:30
- Meeting note taker: Kieu

4. AGENDA

- Demo UI
- Discuss about presentation
- Discuss about architecture documents
- Demo UI
- Discuss about presentation

- Discuss about scope and database design
- Discuss about link 2 dimension of DataCube

5. POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Framework, technology	Hoa	14 - Nov - 2020
Update Scope & Database design	Hoa, Dong	14 - Nov - 2020
Update UI: link 2 dimension of DataCube	Tin	14 - Nov - 2020
Update Presentation	All members	14 - Nov - 2020
Update Test case document	All members	14 - Nov - 2020
Update last version of all documents	All members	14 - Nov - 2020

6. MEETING END

- Meeting Schedule end: 18:00
- Meeting Actual end: 19:00

Secretary

Kieu, Tran Thanh

14 - Dec - 2020

SMART DASHBOARD APPLICATION

MENTOR MEETING

Meeting Date: 14 - Dec - 2020

Meeting Location: Online meeting

Approval: 14 - Dec - 2020

Recorded By: Kieu

7. ATTENDANCE

Name	Title	Acronym	Present
Hoa, Vo	Leader	VH	Yes
Tin, Pham Van	Member	VT	Yes
Dong, Ky Huu	Member	KD	Yes
Kieu, Tran Thanh	Secretary	TK	Yes

8. MEETING LOCATION

- Online meeting: Skype
- Meeting with mentor : Binh, Nguyen Thanh

9. MEETING START

- Meeting Schedule start: 22:00
- Meeting Actual start: 23:10
- Meeting note taker: Kieu

10. AGENDA

- Review Documents

11.POST MEETING ACTION ITEMS

Action	Assigned To	Deadline
Prepare Presentation in English	All members	21 - Dec - 2020

12.MEETING END

- Meeting Schedule end: 00:00
- Meeting Actual end: 23:30

Secretary

Kieu, Tran Thanh