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# Proof of Concept Student Performance Management System

Chulalongkorn University  
Fujitsu Limited

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## About Chulalongkorn Uni.

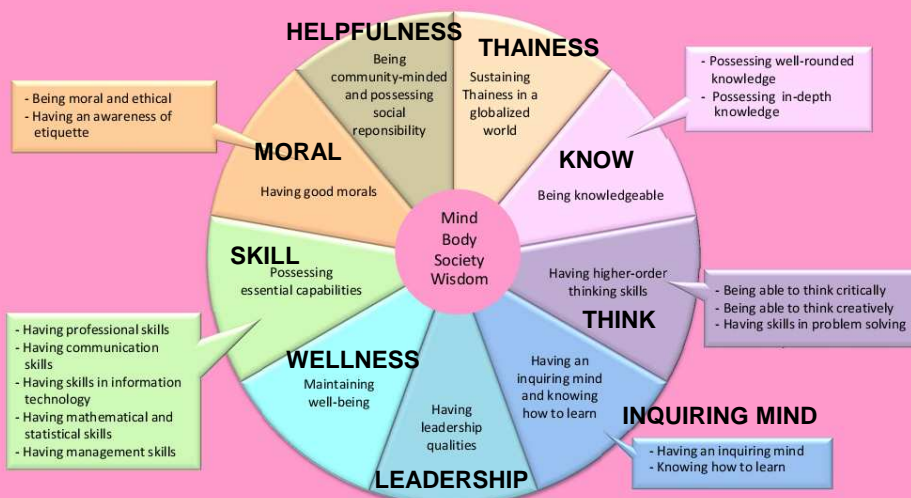
- CU is Thailand's first institution of higher education found ~ 96 yrs ago
- Founded in 1917 by King [Vajiravudh](#) (Rama VI)<sup>[2]</sup> who named it after his father, King [Chulalongkorn](#) (Rama V).
- CU is composed of 19 faculties, 23 colleges and research institutes.
- 38,000 students including 24,951 undergraduates and 13,391 postgraduates (10,881 Master and 2150 Doctoral)

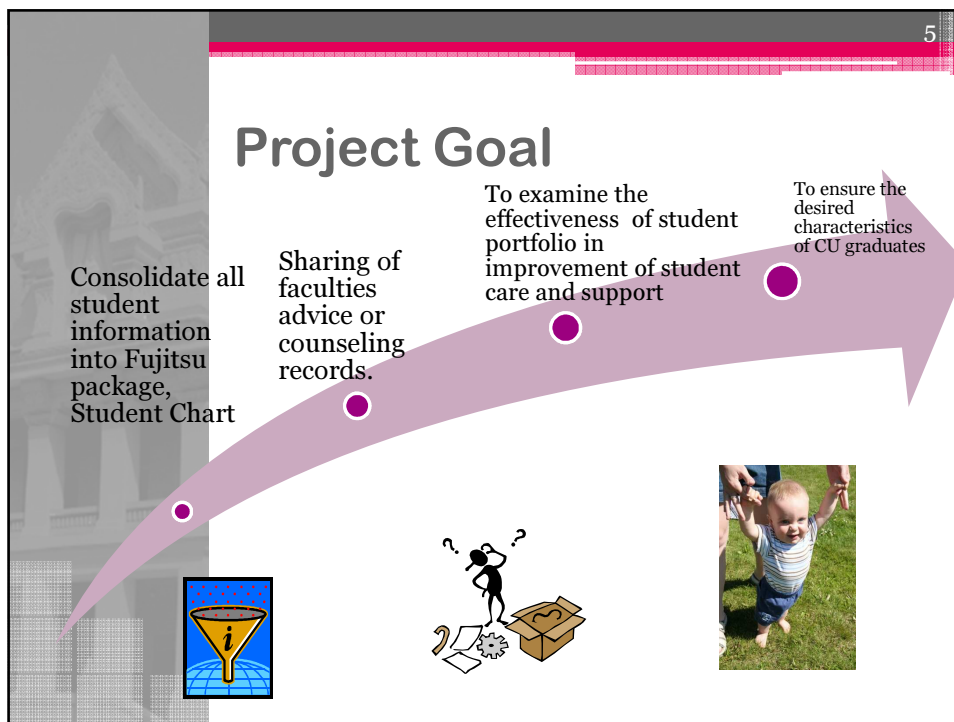
## Background of POC

- Fujitsu has 30 years experience and 30% of market share in education sector in Japan.
- Fujitsu aims to expand business domain globally by deploying its university education solutions at an institution outside Japan.
- CU intends to improve student care and support in order to foster desired characteristics and capabilities of graduates



### Chulalongkorn University Desired Characteristics of Graduates 2010 "Chulalongkorn University Graduates are Valuable Global Citizens"






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## Objectives

- To strengthen and update academic and pastoral support to talented students in sports, art and music.
- To provide tools for student advisors to provide care and support for their students to achieve their goals.
- To provide tools for student to reflect on their academic performance and how their learning contributes to their longer-term aspiration



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## Challenge

### Student Support Process


- CU has no clear defined care and support process published for student advisors.
- Lack of IT in student support services

### Student Information

- Scattering around many departments
- Some info are not up-to-date

### Communication & relationship

- Most students rarely meet their advisors
- Some advisors do not pay enough attention to their students

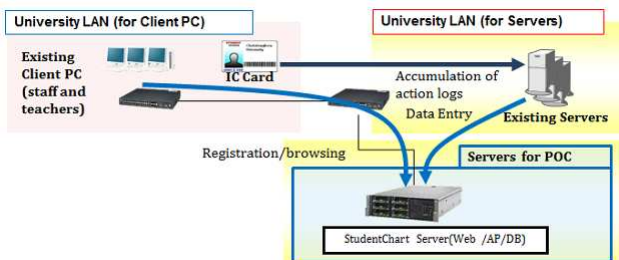


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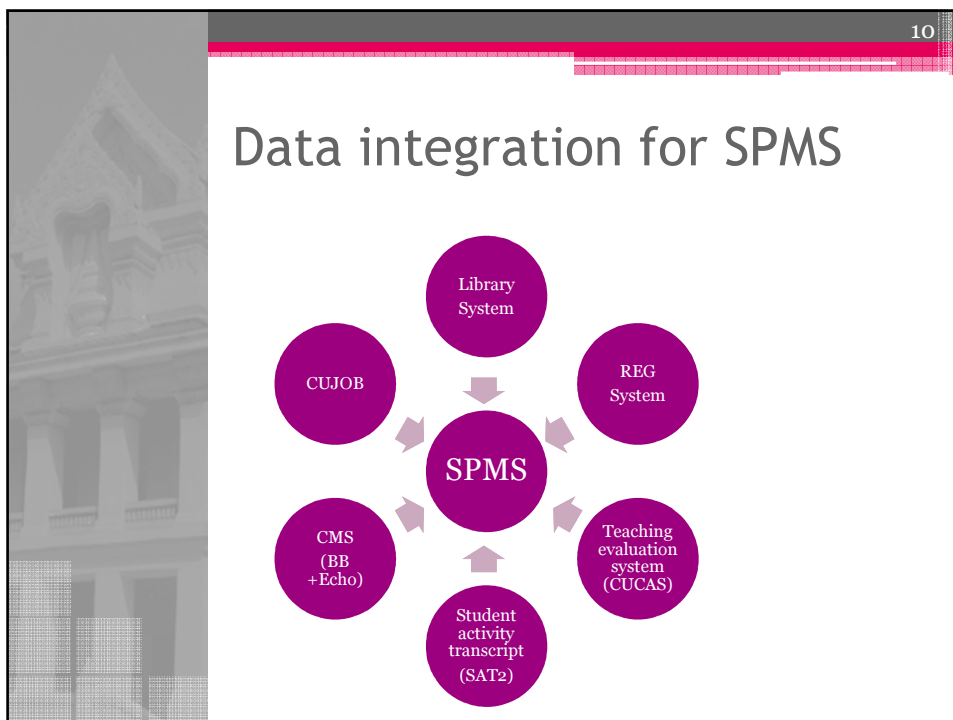
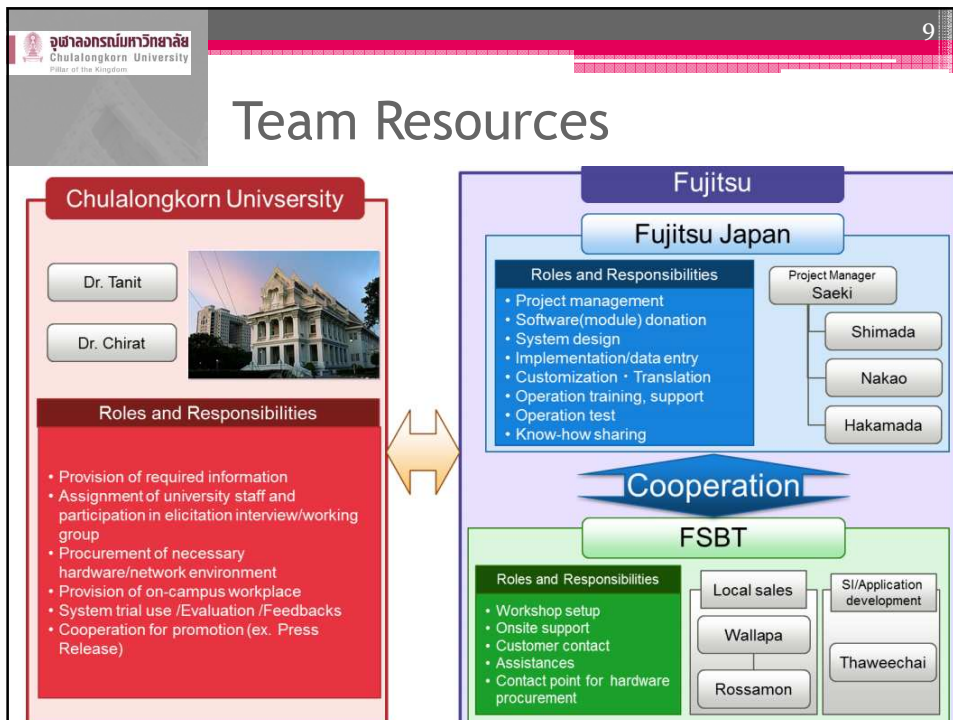
## Technology


- To implement student portfolio system based on the Fujitsu's software package, namely
  - "Campusmate-J/StudentChart",
  - "Campusmate-J/StudentSupport", "Campusmate-J/StudentView" and "Campusmate-J/WebBase"



```

graph LR
    subgraph Client_LAN [University LAN for Client PC]
        A[Existing Client PC staff and teachers]
        B[IC Card]
    end
    subgraph Server_LAN [University LAN for Servers]
        C[Existing Servers]
        D[StudentChart Server Web / AP / DB]
    end
    A -- "Accumulation of action logs" --> C
    B -- "Data Entry" --> C
    C -- "Registration/browsing" --> D
    D -- "Servers for POC" --> D
  
```





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## Procedure

- Initial setup of student portfolio system
- Data entry (academic records, activity transcript and etc.)
- Trial operation
- Evaluation
- Customization
- Official release



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## Schedule

Activities/Milestones		Forecast initial date	Forecast end date	Responsibility	2013												2014		
					5	6	7	8	9	10	11	12	1	2	3				
Events	Project Kick-off	15/05/2013	15/05/2013	CU,FJ,FSBT	★														
	Orientation for faculty	27/05/2013	27/05/2013	CU	★														
	Start Date of New Semester	03/06/2013	03/06/2013	CU		★													
	MOU sign-up	17/06/2013	17/06/2013	CU,FJ,FSBT		★													
	Start Date of utilize (Student Support)	17/06/2013	17/06/2013	CU,FJ		★													
	Start Date of utilize (Student Chart)	24/06/2013	24/06/2013	CU,FJ			★												
	End Date of POC	31/03/2014	24/06/2013	CU,FJ														★	
Tasks	Initial Set up and implementation	17/05/2013	31/05/2013	FJ															
	Data Entry	11/06/2013	24/06/2013	FJ															
	Trial Operation	17/06/2013	30/03/2014	CU															
	Software Development (Customization)	01/07/2013	01/07/2013	FJ,FSBT															
	Evaluation	01/10/2013	27/12/2013	CU															




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## Current Status

- Trial operation begin
- Data entry:
  - Academic records done
  - Extra-curricular activity in progress
- Operation training and system introduction done
- Collecting user feedback and comments in progress
- Enhancing and customization in progress




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## Findings to date (by interview)

- Rethinking Student-advisor **relationship**
- A strategy to **engage** academic advisors, personal tutors and students is required to provide effective academic advising .
- Students need to be **empowered** with learning skill and exam preparation as early in their first year of study.




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## Findings to date (by interview)

- Student advisors should be given official training on counseling in order to be able to **encourage** students to take responsibility for their learning
- Personal tutors who can help students academically should be **recruited** systematically.
- Most advisors and students agreed on the system concept but concerned on **extra-work** for students and advisors



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## Q&A