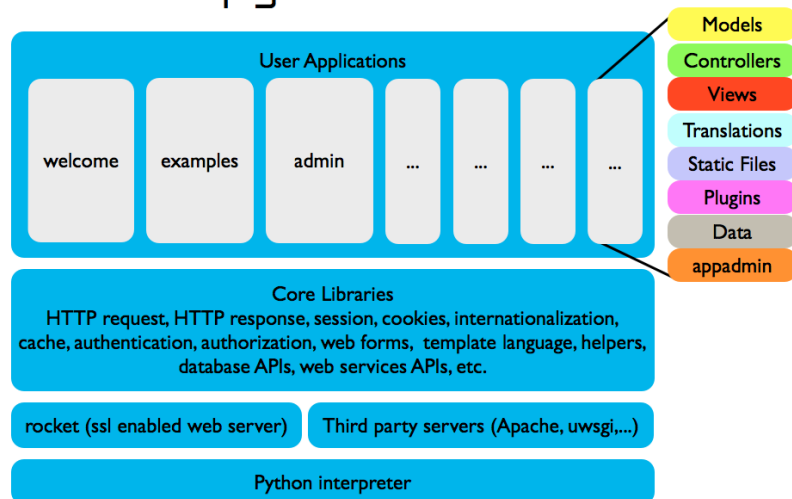| Software Engineering Design 2019 Group 2 Meeting Minutes			
Date	2019/10/08		
Time	20:00 - ??		
Location	CSIE building room 544		
Facilitator	Chih-Hsuan Yen		
Recorded by			
Objective	Decide on how to dreakdown web2py		
Participants			
Name	E-mail	Role	Present or not
Chih-Hsuan Yen	yan12125@gmail.com	Team Leader	Y
Chen-Hung Wu	ac791228@gmail.com	Team Member	Y
Po-Sheng Lin	b890052@gmail.com	Team Member	Y
Cheng-Jhih Shih	cs861324@gmail.com	Team Member	Y
Jui-Che Wu	ss900405twtw@gmail.com	Team Member	Y
Yifan Wu	eurekalilychou@gmail.com	Team Member	Y
Pin-Yen Huang	pinyentraffic@gmail.com	Team Member	Y
Wei-Jie Liang	jack55513608@gmail.com	Team Member	Y
Meeting Agenda			

- Requests to responses

- How PyDAL works

- Overall structure

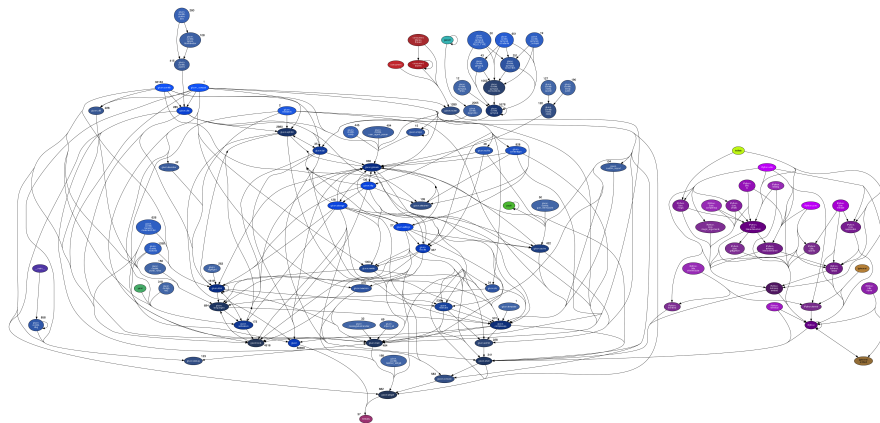- Discuss the first quiz

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Issues

- Requests to responses

  - check the flow

- How PyDAL works

  - check if PyDAL plays an important role in web2py, so that we can determine whether we should read it
  - Reasons for NOT NEEDED: PyDAL is a standalone package and has a set of well-defined APIs. It can be treated as a black box and we can understand how web2py works without investigating PyDAL.
  - Reasons for NEEDED: if example applications are excluded from web2py, cloc reports only around 60,000 lines of code, so PyDAL should be included.
  - Conclusion: include PyDAL for code reading.

- Overall structure

  - Study each component of web2py and bring up a plan of breakdown
  - The tool `pdb` can be used to track how an application runs line by line, similar to gdb for C/C++ programs. With that we can build a top-down walkthrough for web2py.
  - Files to study
    * `gluon/*.py`: the core of web framework
    * `gluon/contrib/*`: additional useful modules, including modules for different databases (pymysql, pyodbc, etc.)

- dependency of files
  - Generated with the pydeps tool.
  - Can be used to identify files with similar or related functions, and thus helps WBS.

- References
  - Github
  - Official website
  - Tutorial
  - Complete reference manual

No.	Action Items	Responsibility	Deadline	Status	Remark
	Action Items				
1	Survey Grails	Chih-Hsuan Yen, Yifan Wu	10/1	**Closed 10/1**	
2	Survey Web2py	Po-Sheng Lin, Chen-Hung Wu	10/1	**Closed 10/1**	
3	Survey DropWizard	Cheng-Jhih Shih, Pin-Yen Huang	10/1	**Closed 10/1**	
4	Survey Nutch	Jui-Che Wu	10/1	**Closed 10/1**	
5	Requests to responses	Billy, Yifan	10/8	**Ongoing**	
6	How PyDAL works	WJ, WuCH, Jui-Che Wu	10/8	**Ongoing**	
7	Overall structure	Chih-Hsuan Yen, Pin-Yen, Cheng-Jhih	10/8	**Closed 10/8**	
8	Overall structure of PyDAL		10/15	**Ongoing**	
9	Function of gluon/*.py	Pin-Yen	10/15	**Ongoing**	
10	Function of gluon/contrib/[a-o]*.py	Chih-Hsuan Yen	10/15	**Ongoing**	
11	Function of gluon/contrib/[p-z]*.py	Cheng-Jhih	10/15	**Ongoing**	