Date	10/21	10/28	11/04	11/11	11/18	11/25	12/2	12/9	12/12
Tasks\Week Index	1	2	3	4	5	6	7	8	9
1. Preparation									
1.1 Fundamental project analysis and information searching									
1.2 Set project plan, draw use case diagram and class diagram									
1.3 Establish project website									
2. Requirement specification and risk analysis									
2.1 Feasibility study and publish feasibility report									
2.2 Requirements elicitation and analysis, develop system models									
2.3 Requirement definition, publish user and system requirements									
2.4 Requirement validation, publish requirements document									
2.5 Risk analysis									
2.6 Publish customer test plan									
3. System and software design									
3.1 Architecture design									
3.2 Database design: admin/teacher/module/student information, attendance, log-in									
3.3 Interface design									
3.3.1Internal interface: UI interface and software-interface									
3.3.2 External interface: back-end interface, web									
3.4 Component design, draw component diagram									
3.5 Publish sub-system integration test plan									
3.6 Publish system integration test plan									
4. Implementation system and unit testing (Session 1)									

4.1 Database development					
4.2 UI development: login, main page, Admin/teacher page					
4.3 Add/delete/modify teacher account					
4.4 Add/delete/modify student image, name and ID					
4.5 Add/delete/modify lecture name, time and place					
4.6 Face-recognition Attendance System					
4.6.1 Start/end recording function					
4.6.2 Take photo function					
4.6.3 Recognize and identify faces					
4.6.4 Record recognized face					
4.6.5 Search the face in the database					
4.6.6 Update the class and student attendance information					
4.6.7 Send confirmation message					
4.7 Database-software interface development					
4.8 Set test plan and test					
5. Publish Interim Report					

Time	12/12	12/19	12/26	1/02	1/09	1/16	1/23	1/30	2/06
Tasks\Week Index	9	10	11	12	13	14	15	16	17
6. Implementation system and unit testing (Session 2)									
6.1 Information import to database									
6.2 UI development									
6.2.1 Web development									
6.2.2 Searching by student/lecture function									
6.2.3 Extract information function									
6.3 Information visualization									
6.4 Set test plan and test									
7. Improvement and validation									
7.1 Improve UI function									
7.1.1 Improve admin functions									
7.1.2 Improve teacher functions									
7.2 Improve UI design									
7.3 Validation									
7.4 Improve face-recognition function									

Time	2/13	2/20	2/27	3/05	3/12	3/19	3/26	4/02	4/09
Tasks\Week Index	18	19	20	21	22	23	24	25	26
8. Integration and system test									
8.1 Sub-system integration test									
8.2 System integration test									
8.3 Customer test									
8.4 Publish test documentation									
9. Operation and maintenance									
10. Document and report									
10.1 Publish final report									
10.2 Publish user handbook									
10.3 Document generalization									