

# Industrial Experience Group Management and Assessment.

# I.E. Project History

- Final year projects; 5 students/team
- Assessment difficulties- variations in
  - clients
  - supervisors
  - group abilities/dynamics
  - projects
- Aim was to try to moderate some of these factors
- W.I.E.R. (Web Industrial Experience Resource)
  - <http://wier.csse.monash.edu.au>

# WIER: Project Goals

- Speed-up project startup by providing templates and example documents
- Enable reuse of the design phase of the projects
- Automate repetitive tasks and share responsibility among group members
- Provide central, backed-up repository for the student files
- Enable sharing of experiences among groups
- Provide management tools for coordinators and supervisors to monitor student progress

# What WIER Provides for Students

- Past project catalogue
- Task & Time Tracker
- Time graph
- News system
- Calendar
- File manager
- Discussion forum
- Document repository
- Survey system



**Industrial Experience Resources**

[Group functions](#)

[My details](#)

[task/time tracker](#)

[anal task/time tracker](#)

[graph](#)

[manager](#)

[Schedule an event](#)

[my events](#)

[news item](#)

[my news items](#)

[up Details](#)

[up discussion forum](#)

[action point count](#)

[List](#) [Vote risks](#)

**services**

[duction](#)

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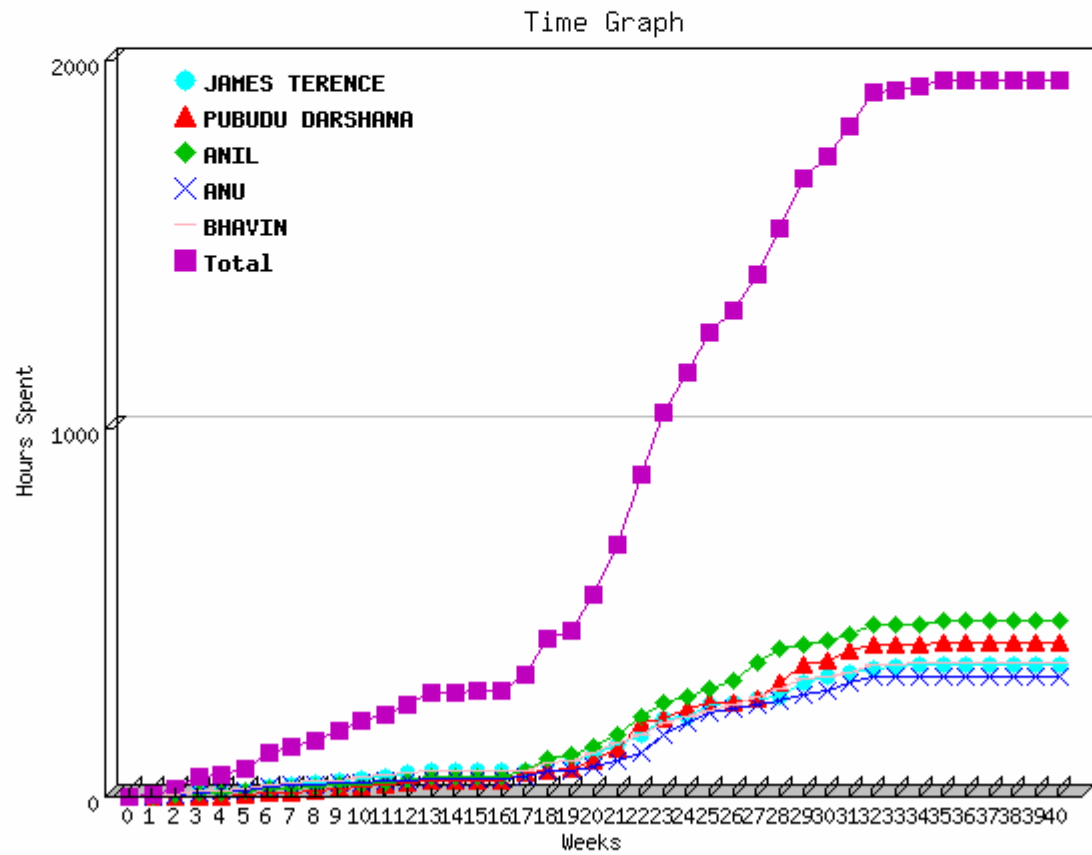
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Welcome Jason Ceddia! You are currently in week 39. Your current selected IEGroup is GroupFY-5-2005.

## Time Graph



# Assessors

- Co-ordinators
- Supervisors
- Students
- Client

**2004**

<b>Assessment Item</b>	<b>Group Mark</b>	<b>Personal Mark</b>
Presentation #1	5	
Walkthrough #1	10	5
Group Peer Assessment #1		5
Presentation #2	15	
Walkthrough #2	10	5
Group Peer Assessment #2		5
Product Assessment (10 bug testing+5 quality +5 client assessment)	20	
Project Management Mark	5	10
Interview		
Commitment, consistency, quality of project work		5
<b>Total</b>	<b>65</b>	<b>35</b>

# 2005

Assessment Item	Group Mark	Personal Mark
Presentation #1	10	
Walkthrough #1	10	5
Group Peer Assessment #1,2,3 Commitment, consistency, quality of project work #1		1*3 5
Presentation #2	10	
Walkthrough #2	10	5
Group Peer Assessment #4,5 Product Assessment (10 bug testing+5 quality +5 client assessment)	20	1*2
Project Management Mark	5	
Interview		10
Commitment, consistency, quality of project work #2		5
<b>Total</b>	<b>65</b>	<b>35</b>

# Co-ordinators Heuristic for Project Size

- 12 to 15 tables
- 10 to 15 reports
- Data Count:  $(12*7)$  to  $(15*7)$
- Transaction Count:  $((36+10)*4)$  to  $((45+15)*4)$
- Project Point Count: 268 to 345

# Pedagogic Use of Project Points.

- PPCount used as a moderator in team assessment.
  - Eg. During technical walkthroughs progress of team will be compared with size of project:
    - Small project (<180), slow progress => poor team mark
    - Avg. project (180:260), on track => good team mark
    - Large project (>290), on track => v. good team mark
- Indicator to teams.

# Assessment Challenges

- Accuracy/validity/completeness of
  - Peer assessments
  - Time tracker entries
  - Information provided in walkthroughs
  - Feedback from clients
- Extent of group's responsibility for problems with the project