

Student Performance Information Network

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Information Overload

Nearly 500 students
4 branches
3 programs

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- What is happening?
- How are we doing?

A word cloud containing the following terms: Placement, non-tech, ECE, 500, 4, ATL, tech, EEE, 3, CSE, IT, WISE, Incubation, and assessment. The words are in various colors (purple, green, blue) and sizes, arranged in a roughly triangular shape pointing downwards.

Silver Bullet

SPIN - A common platform for students and management .



Purpose

Student View

Get notified with technical and non-technical information.

Management Perspective

- Analyse overall performance of students.
- Know details of the programs.
- Know the effectiveness of the programs being conducted.

Modules

Notification Module

Notifications Delivered.

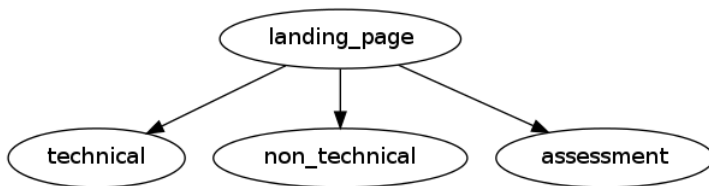
Assessment Module

Student Achievements showcased.

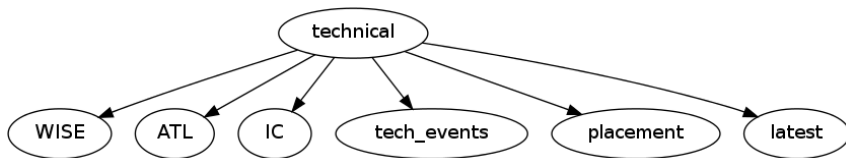
Admin Module

- Publish the content to be notified.
- Maintain database.

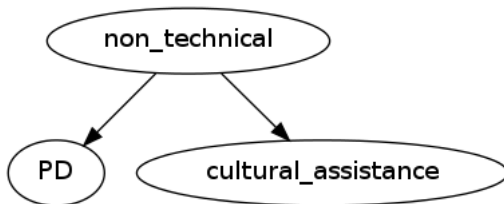
Application Taxonomy



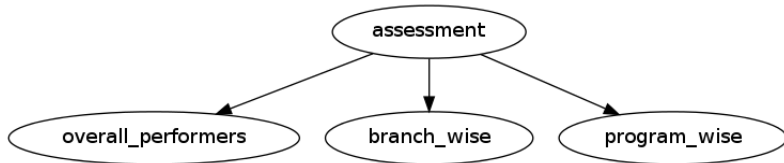
Application Taxonomy



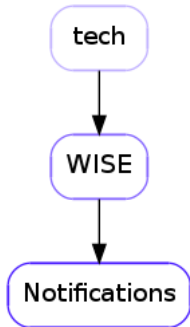
Application Taxonomy



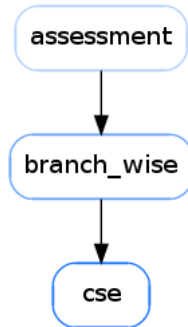
Application Taxonomy



WISE Notifications



CSE Students Info



Learnt

- Project Development Cycle
- Design Database
- Servlets
- Inotify
- Graphviz
- Text Processing and Code Generation

```
COMMA = ','
SQ = "'"
for line in open("filename"):
    rollnumber , name , phonenumber , bid = line.strip().split(COMMA)
    print "insert into table_name values(rollnumber = " + SQ + rollnumber +SQ + COMMA + "name = " +SQ+n
ame+SQ+ COMMA + "phonenumber = "+phonenumber+ COMMA +"bid = "+bid+)"
```

Tools

- HTML,CSS,JQuery
- Servlets
- MySQL
- File Alteration Monitor

A quick look at the database

```
mysql> select * from wise_enrollment;
```

rollno	mod_code	status	marks
12WH1A0201	JSI	PASSED	6
12WH1A0202	JSI	PASSED	11
12WH1A0203	JSI	PASSED	15
12WH1A0204	JSI	PASSED	4
12WH1A0205	JSI	PASSED	2
12WH1A0206	JSI	PASSED	4
12WH1A0207	JSI	PASSED	20
12WH1A0208	JSI	PASSED	12
12WH1A0209	JSI	PASSED	9
12WH1A0210	JSI	FAILED	0
12WH1A0211	JSI	PASSED	19
12WH1A0212	JSI	PASSED	11
12WH1A0213	JSI	PASSED	8
12WH1A0214	JSI	PASSED	21
12WH1A0215	JSI	PASSED	9
12WH1A0216	JSI	PASSED	6
12WH1A0217	JSI	PASSED	5
12WH1A0218	JSI	PASSED	17
12WH1A0219	JSI	PASSED	11

Coming Up

- Discussion Forum
- User Posting

