

Platform to show & exhibit students' work explorations at IDC

Guide - Prof. Ravi Poovaiah

Presented by Sagar Yende

Need

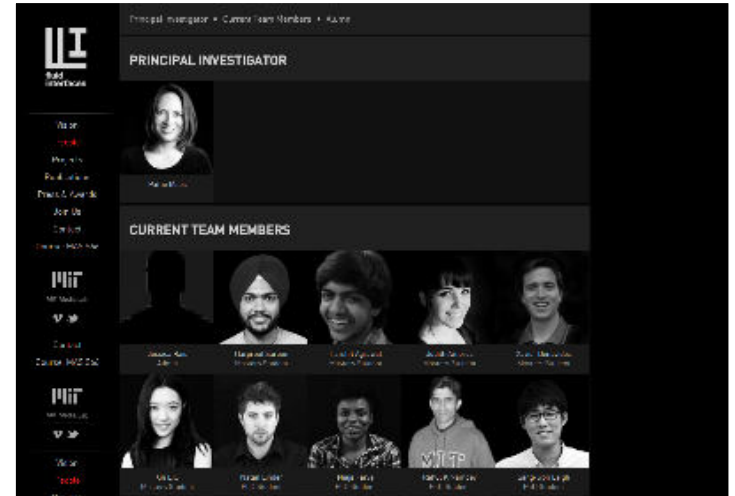
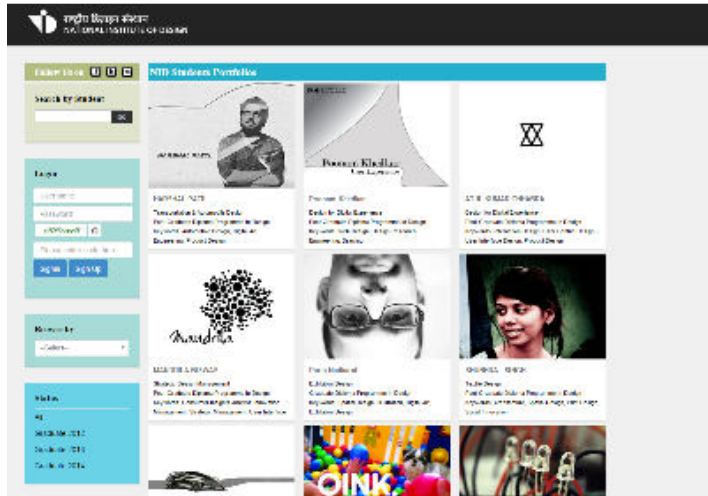
- Feedback is crucial part of design process
- Communication gap within IDC students and with faculty
- Need to keep IDC people informed about work/projects going on at IDC
- No existing platform to share work within IDC community and outside IDC
- Documentation of work and projects
- Easy access to resources like reports, papers, books .

Secondary Research

- **Portfolio websites**
 - Portfolio.nid.edu
 - bultinprogress.media.mit.ed
u
 - Behance.net/galleries/
schools
 - Coroflot.com
- **Academic**
 - Blackboard
 - IITB Moodle
 - Incom
 - Fluid.media.mit.edu
- **Other**
 - streakle.com
 - ldc.iitb.ac.in/DDS

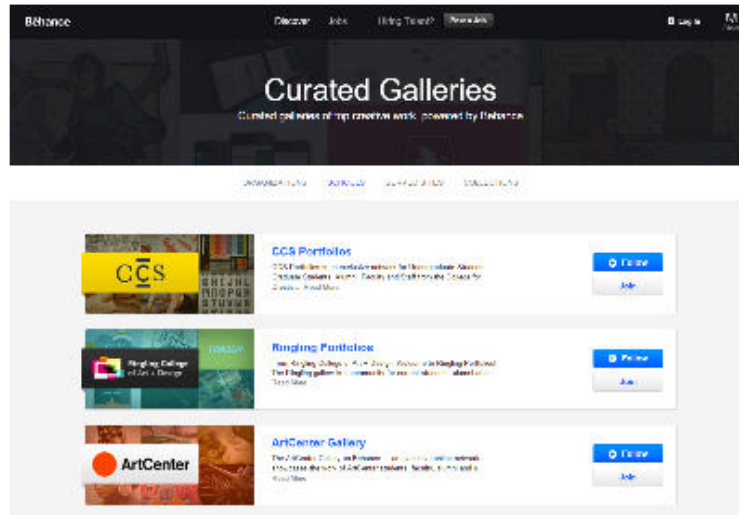
Secondary Research Observations

- Fluid.media.mit.edu and Portfolio.nid.edu
- Projects and publications shows the institutes' contribution in design.



Secondary Research Observations

- Behance School pages and DDS IDC
 - Limited to only showcase of work
 - No role in academics management & WIP



Batchwise Projects:

Product Design:

ID 2013-2015

ID 2012-2014

ID 2011-2013

ID 2010-2012

ID 2009-2011

ID 2008-2010

ID 2007-2009

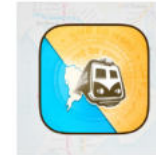
ID 2006-2008

ID 2005-2007

PD 2004-2006

PD 2003-2005

PD 1999-2001



MrmApp - Travel application for Mumbai sub-urban rail
Jalishman Patel



In-Flight Catering Delight: Re-imagining an Airline Service Trolley
Sudhanshu Varma



Mumbai Rail Map
Jalishman Patel



मेरी भूमि मेरी ज़िम्मेदारी
Jalishman Patel



Design of Vehicle Instrument Cluster for Indian and German Audiences
Ratanparyani and Kalyani Ghosh



Blackbird: A recumbent cycle for Human Powered Vehicle Competition India'14, JIT Delhi.
Omkar Jambhanshi, Tushar Wankar, Kishay Tadar and Usha M.



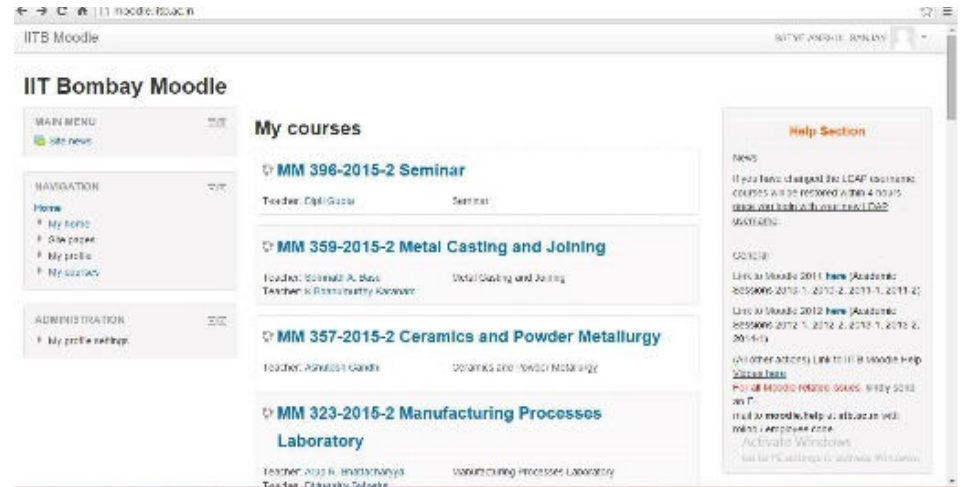
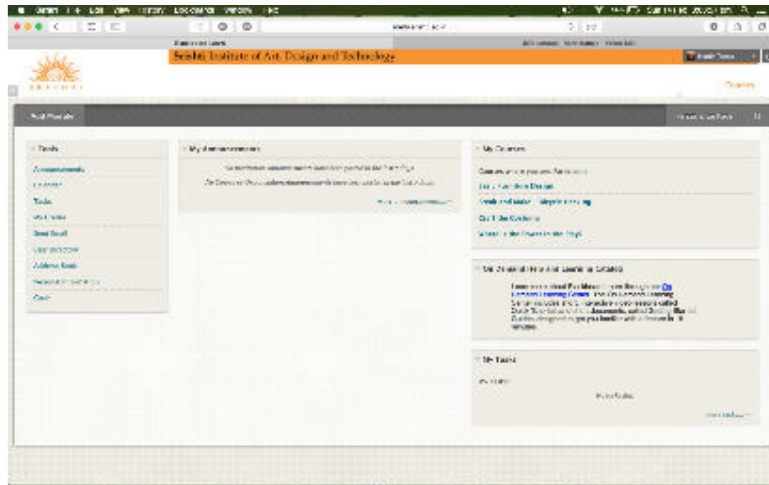
Entertainment Console for Indian and German Users
Sanku Guin and Praveen Lakshmi



Multi-Utility
Akshay Kumar

Secondary Research Observations

- Blackboard and IITB Moodle
- Lack of sharing and intermediate feedback
- Restricted to academic management



User Study

- Discussions with B.Des, M.Des junior and senior students and two faculty members .
- Semi structured interviews
 - Do you have an online portfolio? If yes, when was it updated last? If not, Why not?
 - Are you planning to make a portfolio now?
 - Which platform you generally choose to upload portfolio? Why that?
 - When do you think your work is finished and is ready to be updated in portfolio?
 - Do you generally upload Work which is in progress? If not, why?
 - How do you seek feedback on your projects?
 - Are you aware of the on going student projects in IDC?

User Study

User statements

- *“If such a platform for internal sharing within IDC existed, I would have definitely created my portfolio there”*
- *“I think such platform should have already existed in a design school like IDC. I wonder why it was not thought of before”*
- *“I’ve been thinking of uploading my work from first semester but could not because of other course work. Now, I’m planning to finish the work and upload during summer vacations”*

User Study insights

- Why Students don't share work
 - Lack of presentable work
 - Hesitation
 - Lack of time
 - Outputs of Class Assignment – not relevant
- Need for Documentation of coursework
- Lack of Awareness
- Difficulties Seeking feedback

User Study

Awareness

- Many Faculties are unaware of the students' course work in other modules
- Seeking reviews and discuss projects with faculty is difficult due to their unavailability and takes a lot of time and effort
- Students are unaware of project topics of their batch mates
- Generally the students need to go to other classes to see their work

User Study

Documentation

- Each faculty has their own way to document coursework
- Some students are assigned 'course documentation' as their TA work
- Every time while updating portfolio students have to search for relevant material

BUT

- Students would like to :
 - Share their work within IDC
 - Discuss projects with faculty, seniors and batch mates
 - Collaborate and help others in project and assignments

User Study

Users Concerns

- Privacy Levels
- Classification of projects
- Constrains and freedom
 - File formats & size
 - Number of iterations
 - Deadlines
- Non IDC projects, artworks, illustrations, renderings

Insights

- **Valuable feedback** from closed community of IDC which can help to improve 'work in progress'
- **Awareness about ongoing work** at IDC by students and faculty
- **Platform** for outsiders to go through the projects at IDC
- **Simultaneous building and maintenance of online portfolio** of academic work of students.

Requirements

Faculty

- Documentation
- Send Notifications
- Assignment brief
- Share resources

Students

- Upload Assignments
- Get reviews and feedback
- Showcase completed work on official IDC website
- Get help

People and Industry

- Platform to see all IDC work at one place
- Search and browse through projects

Project brief

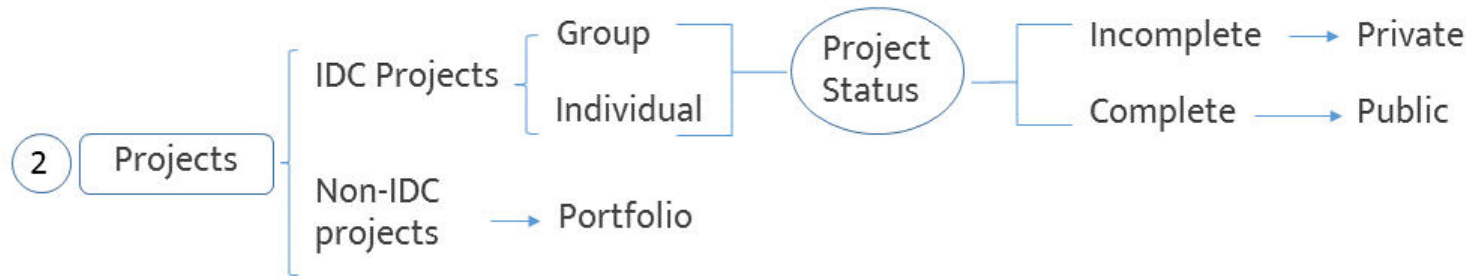
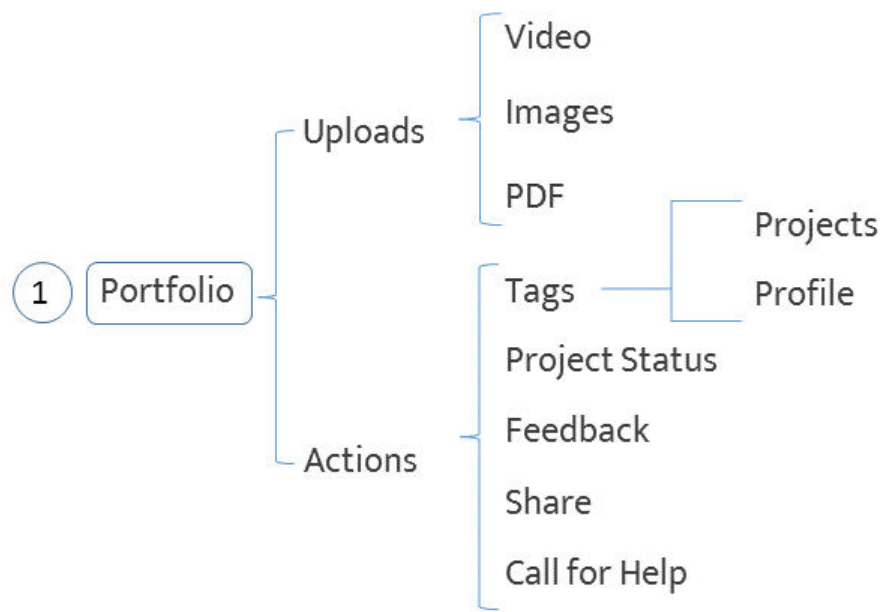
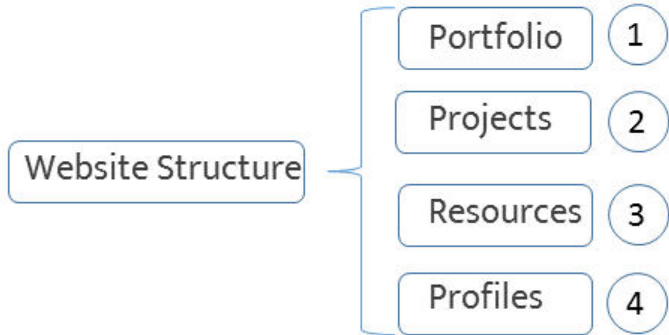
- Develop a platform to share, document and exhibit students' work at IDC
- Internal and external sharing of in-progress / complete work and projects for getting feedback.
- Creating and maintaining students' portfolio, courses and faculty profiles .

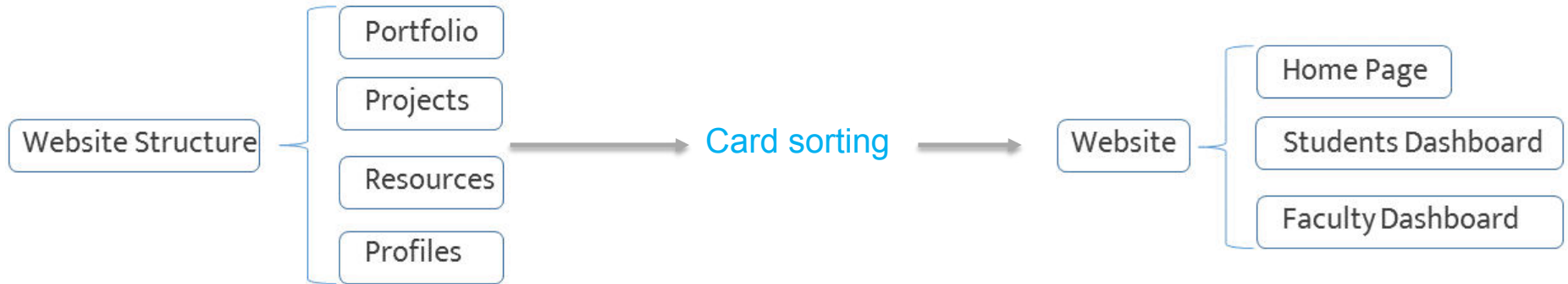
Design Ideas

- Combine the portfolio with academic work (assignments and modules)
- Closed community review / feedback on WIP
- Ask for feedback from particular faculty or student.
- Platform for communication, collaboration and feedback.
- Share 'work in progress' to improve final work with the help of feedback on intermediate stages
- Help in documentation of work an projects.

Concept

Information Architecture





Card sorting



Card sorting

Card sorting, User 1

People at IDC

- Faculty
- Students
 - B.Des
 - M.Des

About IDC

- Publications
 - Reports
 - Papers
- Social Media links

Login

- Create profile
- Add details
 - personal
 - educational

Students Portfolio

- Shared within IDC
 - Current Projects
 - Modules
 - Assignments
 - Resources
 - upload
 - Call for help

- Public profile
 - Projects
 - Filters
 - Degree
 - Branch
 - Year
 - Search

Card sorting

Card sorting, User 2

People at IDC

Students & Faculty

Filters

- Batch
- Degree
- Year
- Interests

Students Profile

- Educational Bg
- Current work
- Finished projects
- Interests

About IDC

Search

Login

(student & faculty)

About IDC

- Specializations

Social media links

Student Dashboard

Resources

- Project reports
- Papers

Modules

- Assignments
- Resources
- upload
- add to portfolio

Dump yard of Ideas

Students Portfolio

Public profile & IDC profile

Current Projects

- Industry
- Government
- Self

Call for collaboration

- Add people to project

Feedback

Add Project

- Description
- Media
- Current state
- Upload
- Ask for

feedback

Card sorting

Card sorting, User 3

People at IDC

Resources

Student Dashboard

Students Portfolio

Students & Faculty

Publications

Resources

IDC profile

Public Profile

Filters

- Batch
- Degree
- Year
- Interests

- Reports
- Papers

- Project reports
- Papers

Modules

- Add new module
- Assignments
- Work in progress
- Iterations
- Final output

Finished projects

Modules

- Resources
- Assignment brief

Modules

- Assignments
- Resources
- upload
- add to portfolio

Student Profile

About IDC

- Search
- Social media links

Dump yard of Ideas

Upload

- Share in IDC
- Add to portfolio

Share on Social Media

Card sorting

Card sorting, User 4

About IDC

Students & Faculty

- Profiles and portfolio
- Work in progress
- Details about IDC

Resources

Publications

- Reports
- Papers

Modules

Assignments

- Add people to group
- Upload WIP
- Iterations
- Final
- Add to portfolio

Students Portfolio

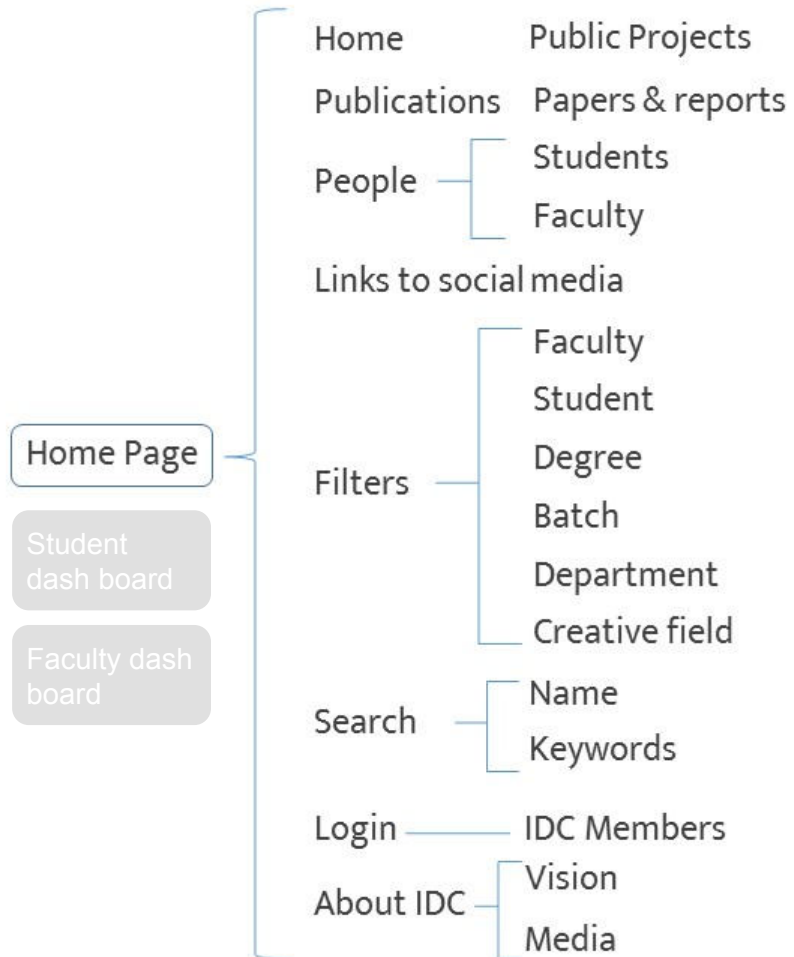
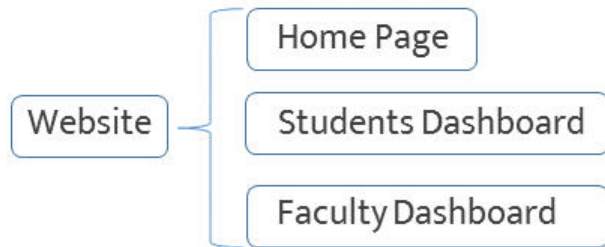
IDC profile

- Work in progress
- Ask for feedback
- Comments
- Call for help/collaboration
- Add project to portfolio

Public Profile

- Finished projects
- Students portfolio

Information Architecture final



Homepage

Student dashboard

Faculty dash board

My profile

- Name, Photo
- Degree, Batch
- Specialization
- Interests, about
- Social media links
- Published projects
- Edit profile

Dashboard

- Work in progress – add project
- Upcoming assignments
- Assignments details
- Completed assignments
- IDC wall

My Courses

- List of Courses taken
- Resources and assignments
- Upcoming courses

Publications

- Papers and publications

Notification

- Comments
- Ask for feedback

Homepage

Student dash board

Faculty dashboard

Dashboard
- Current course
- Recent uploads
Other project At IDC
Course pages

My Courses
- Add new course
- Previous courses – filter (year)
- Download assignments
- Edit Course, add assignments
- Add Resources

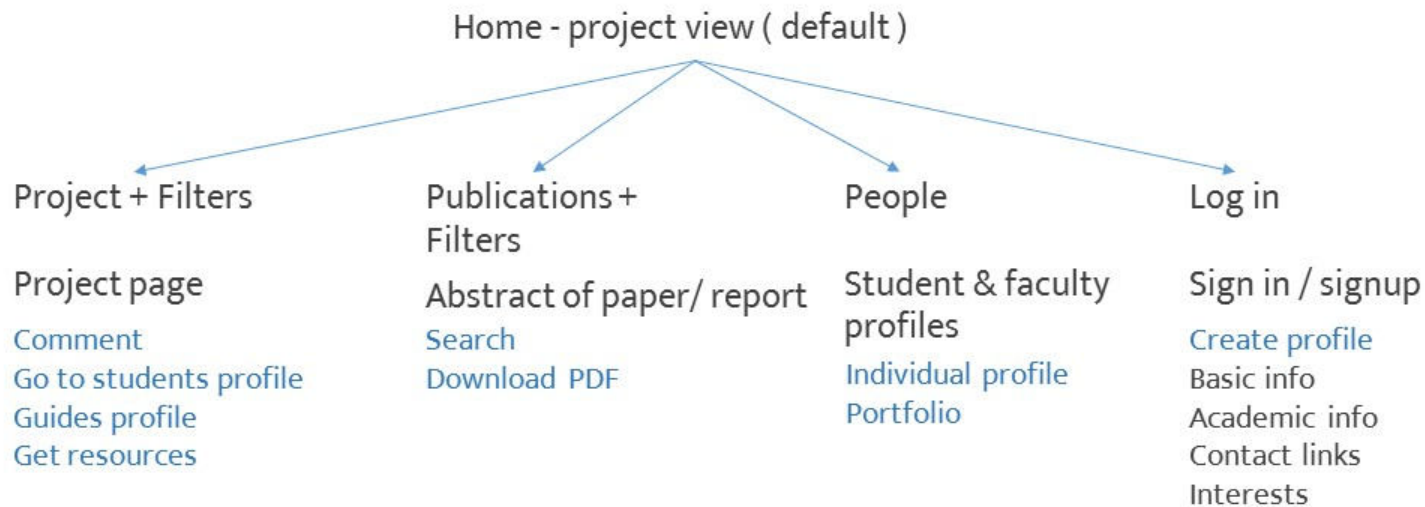
My profile
- General profile
- Work in progress
Add project
Media
- Description
- Add people to project
- Resources
Photo
Video
PDF
PPT

Publications
- My papers
- Other publications and reports

Notification
- Comments
- Ask for feedback

Web-flow

Web-Flow



Students Dashboard

```
graph TD; SD[Students Dashboard] --> CP[Current projects + Other students Projects IDC wall]; SD --> PF[Publications + Filters]; SD --> P[Portfolio]; SD --> M[Modules]; CP --> CP1[Write on IDC wall]; CP --> CP2[Comment]; CP --> CP3[View project]; CP --> CP4[Add new project]; PF --> PF1[Abstract of paper/ report]; PF --> PF2[Browse through]; PF --> PF3[Add new publication]; PF --> PF4[Download PDF]; P --> P1[Public profile of student]; P --> P2[Photo of student]; P --> P3[Contact links]; P --> P4[About]; P --> P5[Current projects]; P --> P6[Fished projects]; P --> P7[Resume]; P --> P8[Edit profile]; P --> P9[Remove or edit projects]; M --> M1[Exiting modules]; M --> M2[Add module from list]; M --> M3[Open modules page];
```

Current projects
+
Other students
Projects
IDC wall

Write on IDC wall
Comment
View project
Add new project

Publications +
Filters
Abstract of paper/ report
Browse through
Add new publication
Download PDF

Portfolio
Public profile
of student
Photo of student
Contact links
About
Current projects
Fished projects
Resume
Edit profile
Remove or edit projects

Modules
Exiting modules
Add module from list
Open modules page

Web-Flow

Faculty Dashboard

```
graph TD; FD[Faculty Dashboard] --> RU[Resent uploads]; FD --> PF[Publications + Filters]; FD --> P[Profile]; FD --> M[Modules]; RU --> RU1[From my module]; RU --> RU2[+ Other students]; RU --> RU3[Projects]; RU --> RU4[Notifications]; PF --> PF1[Abstract of paper/ report]; PF --> PF2[Browse through]; PF --> PF3[Add new publication]; PF --> PF4[Download PDF]; P --> P1[Public profile of faculty]; P --> P2[Photo]; P --> P3[Contact links]; P --> P4[About]; P --> P5[Current projects]; P --> P6[Fished projects]; P --> P7[Poublications]; P --> P8[Edit profile]; P --> P9[Remove or edit projects]; P --> P10[Add project]; M --> M1[Exiting modules]; M --> M2[Create new module]; M --> M3[Download assignments]; M --> M4[Comment/ feedback];
```

Resent uploads
From my module
+
Other students
Projects
Notifications
Go to modules page
Answer notification
(call for feedback)
View projects

Publications +
Filters
Abstract of paper/ report
Browse through
Add new publication
Download PDF

Profile
Public profile
of faculty
Photo
Contact links
About
Current projects
Fished projects
Poublications
Edit profile
Remove or edit projects
Add project

Modules
Exiting modules
Create new module
Download assignments
Comment/ feedback

Web-Flow

Project view

Description

Media

Resources

Project by

Guided by

[Go to Students profile](#)

[Faculty profile](#)

[Comment](#)

[Get resources](#)

Modules page (faculty)

Resent uploads

Assignment wise

Updates/ uploads

[Download](#)

[all assignments](#)

[Comment](#)

[Edit modules page.](#)

Modules page (Student)

Details of module

Description

List of assignments

Resources

[Download resources](#)

[Upload assignments](#)

[Edit existing submission](#)

[Publish it in portfolio](#)

Wireframe

TITLE student Dashboard portfolio option 2 - without cover image



TITLE students Dashboard - Portfolio option 1

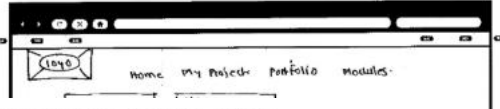
960 100

TITLE login option 1

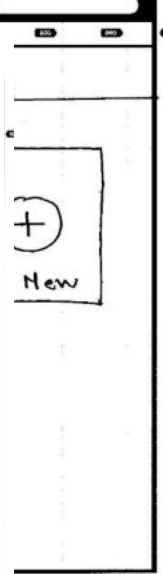
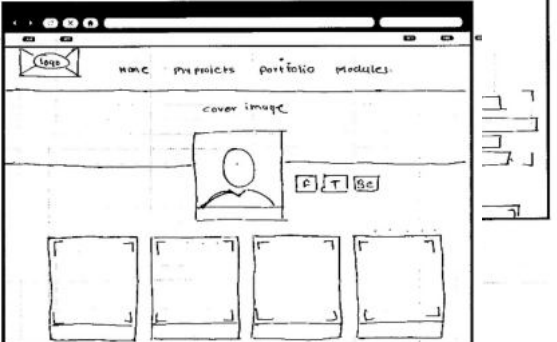
TITLE student Dashboard - My projects - option 1



TITLE student Dashboard - portfolio - option 2



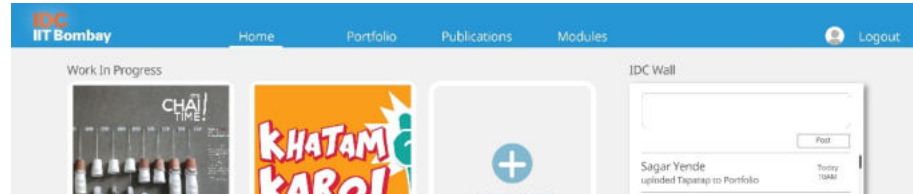
TITLE student Dashboard - Portfolio - option 3



login
A
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Visual Design iteration 1



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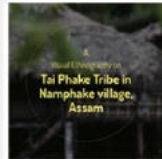
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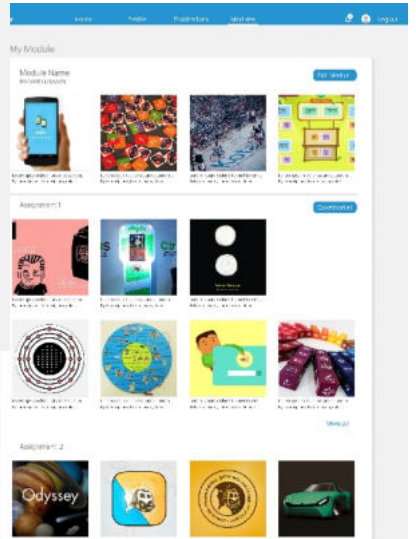
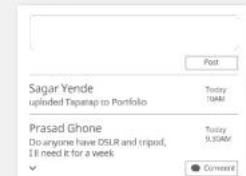


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By Lorem ipsum, Lorem ipsum, dolor...



Lorem ipsum dolor sit amet Lorem...
By Lorem ipsum, Lorem ipsum, dolor...

IDC Wall



Visual Design iteration 2

Navigation: Projects, People, Publications, About IDC, Login

Search:

Project By: Faculty, Students

Status: Under Studies, Alumni

Degree: B.Des, M.Des

Department:

Batch:

Creative Field:

It's chai time Sagar Vinod	Global Village Sagar Vinod	Tapatap Sagar Vinod	Vayu M. Lagna Chatter
Warli Art Documentation Sagar Vinod	Gerontocracy in Democracy Sagar Vinod	Service Design Druka Shah	Pay Easy Pratiksha Rao

Ravi Parvallah	N. Sadhu	V.P. Bapat
Aniruda Jhoshi	G. V. Sreekumar	R. Venkatesh

Navigation: Projects, People, Publications, About IDC, Login


DESIGN DEGREE SHOWS

Below the slide, there is a list of text, likely a transcript or description of the presentation.

Visual Design iteration 3

Header: IDC School of Design | Home | **People** | Publication & Reports | About IDC | Login

Profile: Prasad Ghone
M.Des 2014-16
Interaction Design



About Me

"Design lies in the details"

Interests

IoT, DIY, Design Research, Arts, Interface Design, Service Design

Header: IDC School of Design | Home | People | Publication & Reports | About IDC | Login

Search:

Project By:
 Faculty
 Student

Status:
 Current Student
 Alumni

Degree:
 B.Des
 M.Des

Specialisation:

Batch:

Project Type:

Courses:

Project Grid:

- Tapatap - Typing Game | Sagar yende | 2 Weeks ago
- Hippily | Prasad Ghone | 1 Day ago
- Tapatap - Typing Game | Sitara Shahe | 2 Days ago
- global villages | Indrajit Itoy | 10 days ago
- Hippily | Akshay Kone | 12 days ago
- Tapatap - Typing Game | Sitara Shahe | 10 days ago
- CHAI TIME | Ghone | 1 Day ago
- Assignment 2 | Prasad Ghone | 1 Day ago
- CHAI TIME | Ghone | 1 Day ago
- Assignment 2 | Prasad Ghone | 1 Day ago

Header: IDC School of Design | Home | People | Publication & Reports | About IDC | Login

Video: PROF. B. K. CHAKRABARTY | Industrial Design Course: IIT Bombay

About Me:
I am a design enthusiast and a professional designer. I have been working in the field of design for over 10 years. I have a strong passion for design and I am always looking for new challenges. I have a strong background in design and I have worked on many projects for various clients. I have a strong understanding of design and I am always looking for new challenges. I have a strong background in design and I have worked on many projects for various clients. I have a strong understanding of design and I am always looking for new challenges.

Interests:
IoT, DIY, Design Research, Arts, Interface Design, Service Design

Prototype

Public

Students

Faculty

Scenario 1

Scenario 2

Evaluation

Previous prototype

- Conceptual of IA model is not clear because public home page and Dashboards are visually similar with same main menu.
- Indicators of visibility level for each project/ assignment.
- Repetition of my modules on dashboard and 'My Modules' section
- Flexibility in creating , editing and changing visibility of assignments within ongoing courses.
- Ordering of students and faculty in peoples page w.r.t. streams
- Summary of submissions on faculty dashboard.

Working Prototype

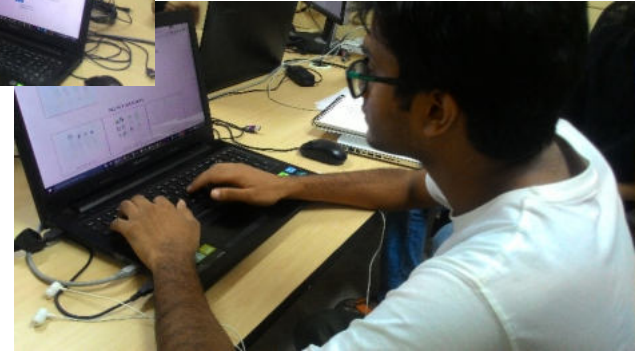
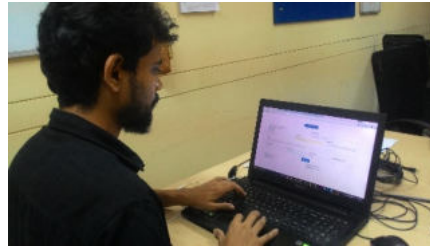
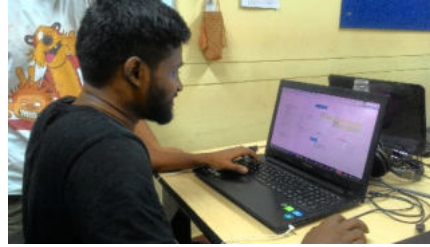
Development credits: Spriha
Biswas

Evaluation

Evaluation

User Testing (current)

- 8 Users (M.Des students)
- 28 Total assignments uploaded
- 19 Public
- 4 Shared with in IDC
- 4 Shared with class
- 1 Privet
- 17 Tags for feedback 4 Student + 13 faculty



Evaluation

User Testing (current)

Observations and inferences

19/28 were given a public tag. Almost all projects were shared with some group except for one which was made private.

The major reasons for sharing a project with a limited group were incomplete projects, lack of satisfaction with the work done and in some cases the student would not like a prospective employer to see the projects.

Internally shared projects are intended to get feedback from class and faculty.

Feedback was mainly asked from professors and students from whom feedback was not received in a physical interaction.

One student uploaded a assignment because a friend had done the same. There were traces of a network effect being created or peer pressure that will motivate students to upload.

Evaluation

User Testing (current)

User Statements

'This is not the work to share with potential employer'

'This project have many learning benefits but its not relevant for people outside IDC '

'Ye itna bhi accha nahi h , but I need feedback from my class.'

'Can I tag 'all' in 'ask for feedback'?

'Ye assignment usne dala h to mian bhi dal deta hu'

Evaluation

- Overall
 - Order of faculties in 'People' section should be sorted with respect to the stream they belong to.
 - Uploading assignments during creating a new course is not relevant.
- My module
 - Summary of submissions. Number of students who have submitted the assignment / No. students who have not.
 - 'My Modules' present in both 'Home' and 'Module' tabs. The information displayed about 'My Modules' is different in these two tabs.
- My projects
 - Visibility level of projects is not clear. e.g. public / internal / private.

Evaluation

- Create module
 - No limits mentioned about file type and file size
 - No limits mentioned about maximum Description length
 - It is not clear which fields are mandatory and which fields are not

Thank you.