



RATIONALE FOR COURSE-WORK

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UNIVERSITY
OF TRENTO - Italy



trentorise

Open Innovation rooted in Research and Education

citizens **social innovation**
community **participatory design**
design
open data & services **customizability**
lead user
user-centred design **users testers**
living labs **end-user development**

WHAT IS SMART CAMPUS?



Community creating services they need and like



Socio-technical platform for the creation and delivery of campus services



Living lab for experimenting with innovative ICT solutions

On-line communities

- On-line communities have a **purpose** are supported by **technology** and are guided by **policies**
- **Important dimensions are**
 - **Where does the community exist?**
 - only virtually or has a physical presence
 - **Why does the community exist?**
 - Primary purpose
 - **How does the community exist?**
 - Type of software
 - **What is the community history?**
 - Size and for how long the community has existed

Sociotechnical systems (STS)

- An approach to complex design that recognizes the interaction between people and technology in workplaces and society at large.
- It emphasises interaction between society's complex infrastructures (both social and technical) and human behaviour

Living lab

- A user-centred, open-innovation ecosystem, operating in a territorial context (e.g. city, agglomeration, region), integrating concurrent research and innovation processes within a public-private-people partnership.
- Research concept

SMART CAMPUS

- A University campus is a scaled-down, but complete model of a smart city
- Towards a smart city lab in Trentino

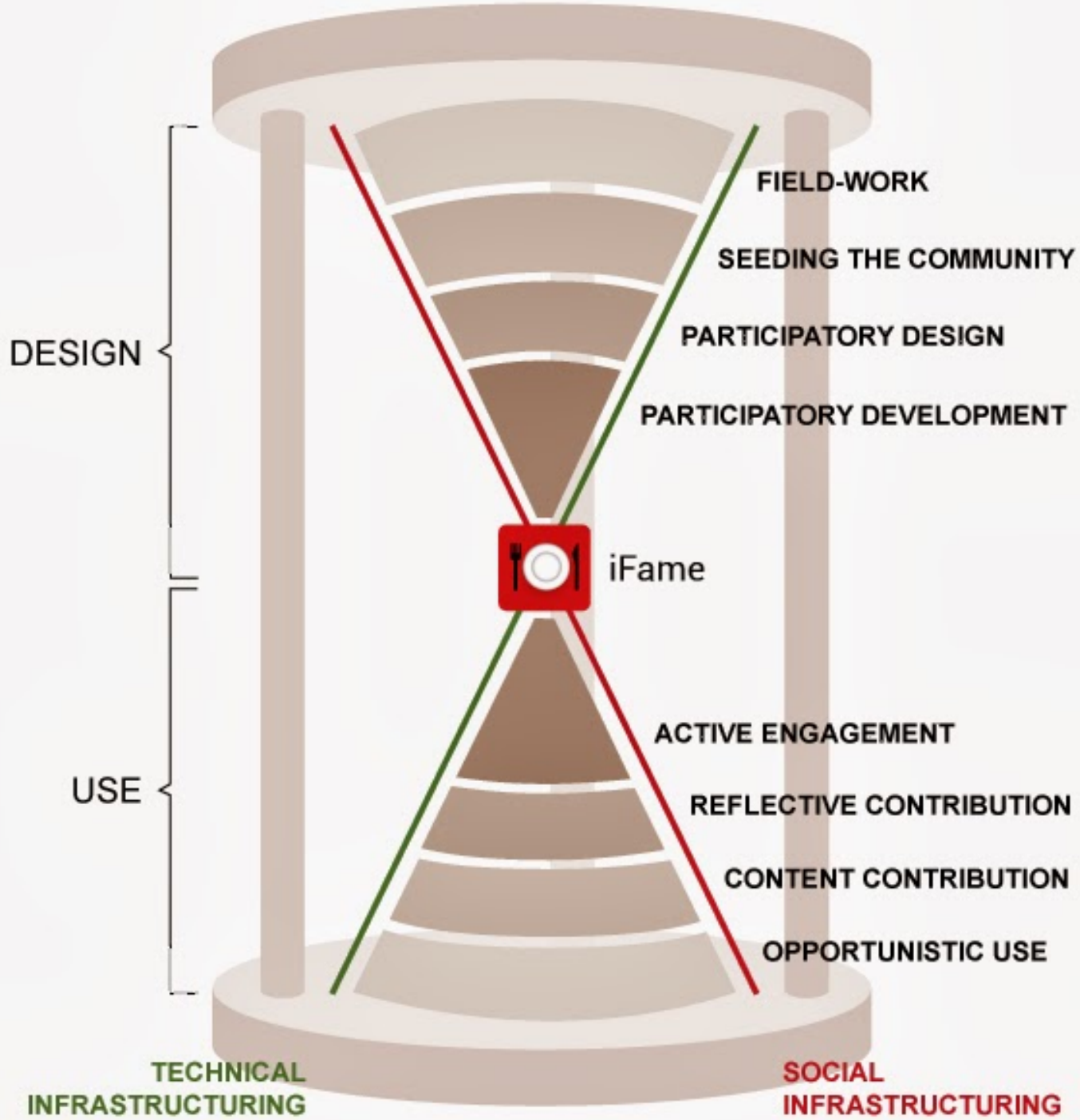


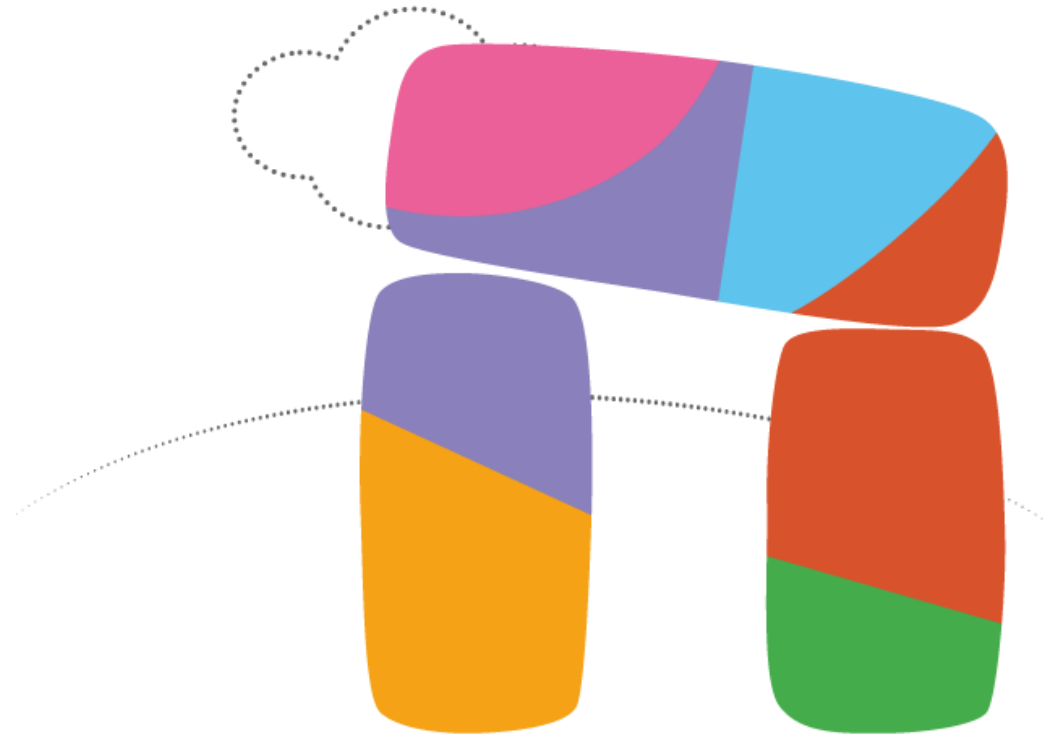
University of Trento





METHODOLOGY

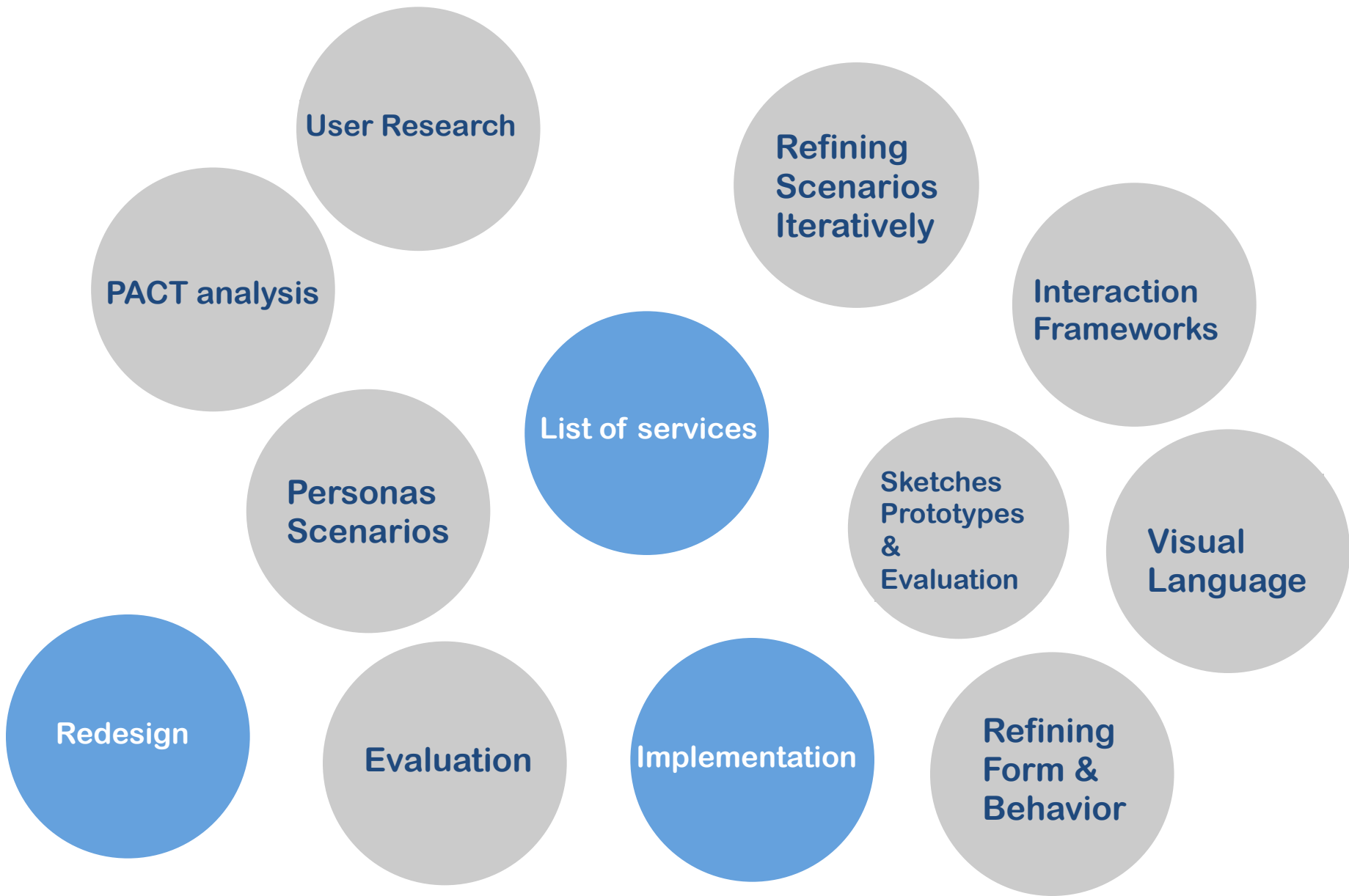




Field-work 2011-12

DESIGN





USER RESEARCH

Methodology

Co-design with 6 groups
of students

Questionnaire study:
perspective students

Focus groups

Design workshops

Diary study

Results

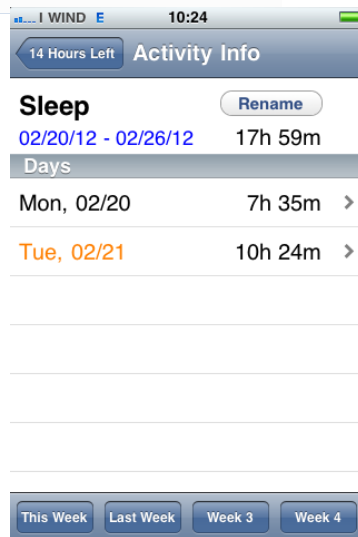
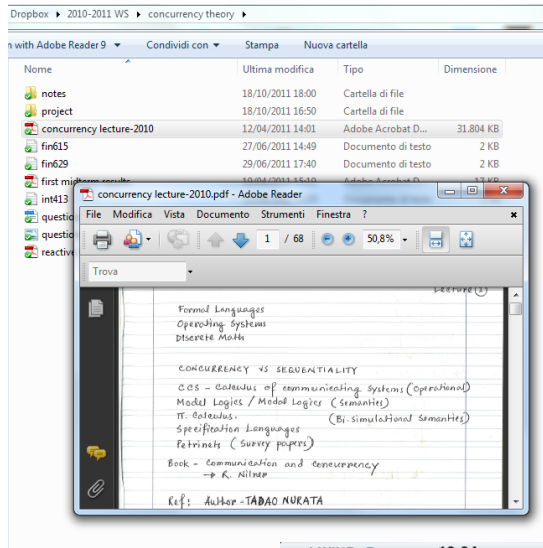
List of services

Personas

Scenarios



BENCHMARKING



STUDENTS

Variations due to Careers

Perspective, Triennale, Specialistica, PhD

Newcomers, second/third year, planning and writing the thesis

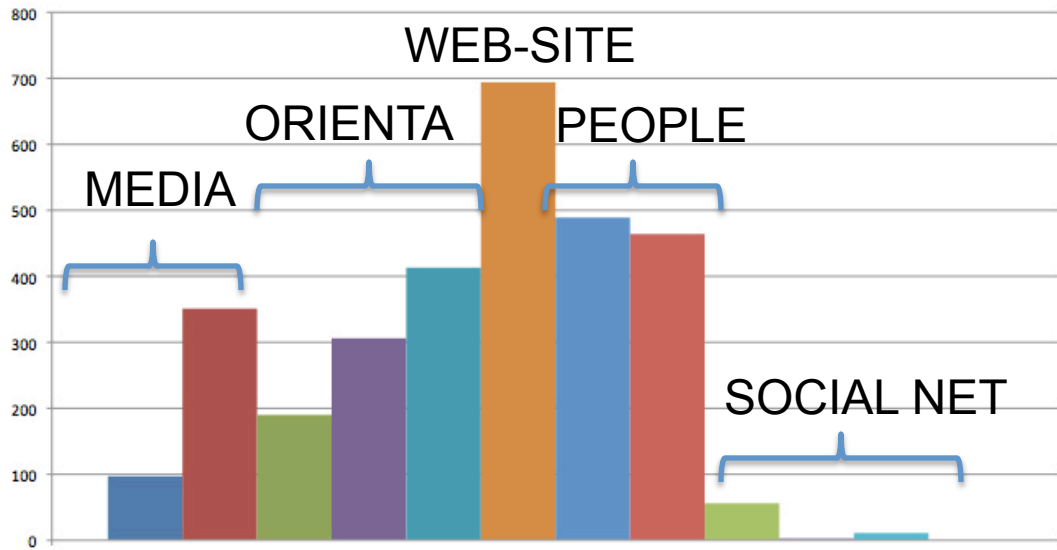
Gender

Curriculum

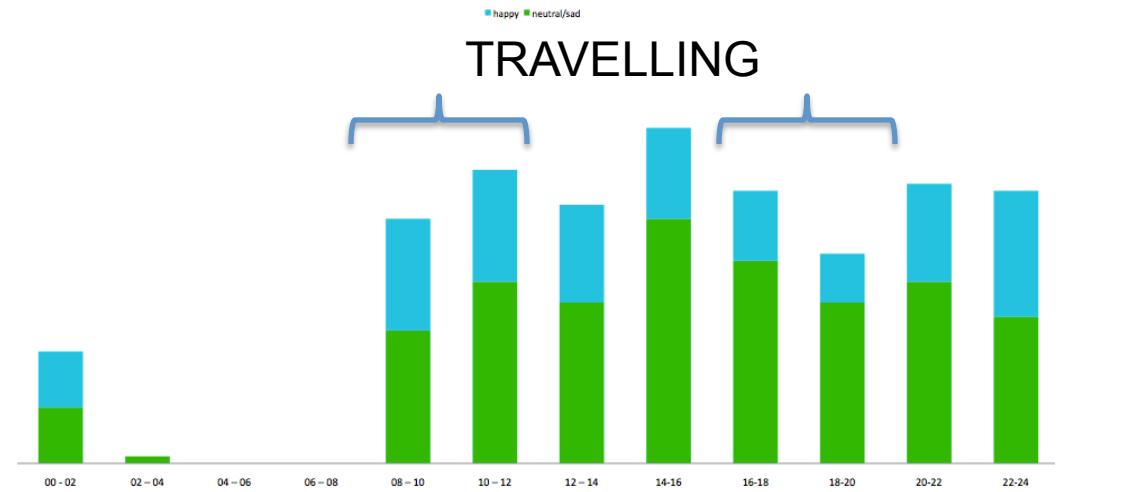
Country of origin



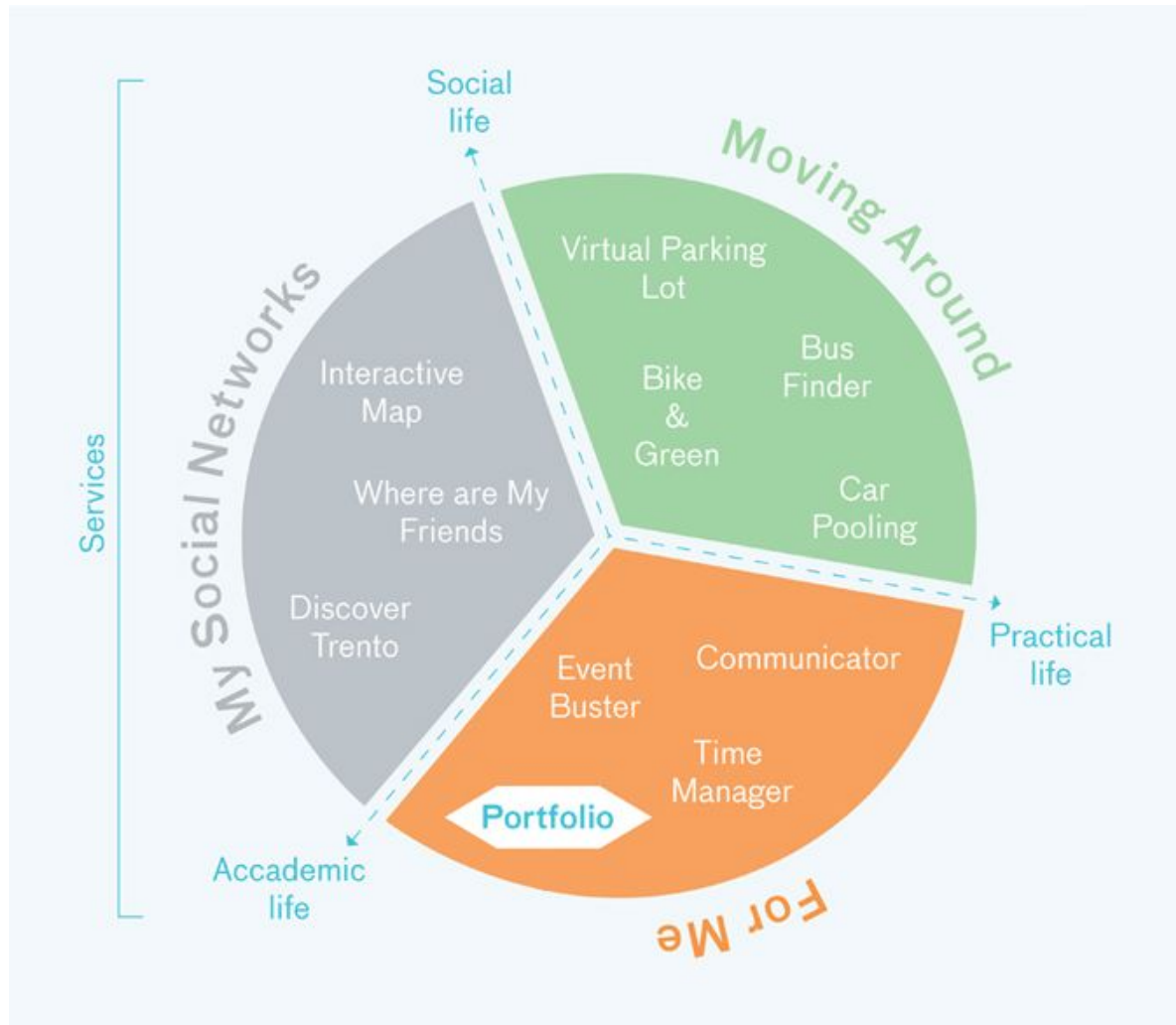
SPACE FOR DESIGN



WHERE DO I STUDY?



SERVICES: MIX OF USER, UNI & TECH REQUIREMENTS



FIRST LIST OF SERVICES

25 Services (PACT style)

Discover Trento. A geographical service for students who wish to share their interests while moving around Trento.

Main focus: social context
(leisure, sport and culture).
Implications for tourism.



Decisions taken by PMT and University staff



Seeding the community (2012-13)

SCENARIOS

Carlo received his MSc degree in Computer Science from the University of Trento in November and is now looking for a position as programmer in Torino.

He was invited to submit a CV and some examples of his work to an important software company but he is having a difficult time to find the right material among the many course-works, programs and sketches produced in the last years.

He searches his hard disk, memory sticks and old laptop for documents about which he has forgotten names and location. When Carlo found them, he often cannot open them because the applications with which they were created are old. He finds himself after two days of work with little materials and still needs to write a CV.

Certified Portfolio

UNIVERSITY OF TRENTO

more information
about this
document

more ▶

IDENTITY INFORMATION



REVIEWS

references: 2

peer comments: 1

COURSES AND GRADES

average mark: 97 progress completed: 70%

more

on mouse over

PROFESSIONAL AND EXTRACURRICULAR EXPERIENCE

Job I

INTERNSHIP

PORTFOLIO

PAPER I

WORK I

My People



Vivi Trento



Viaggia Trento



LifeLog



INBox



MyCVs

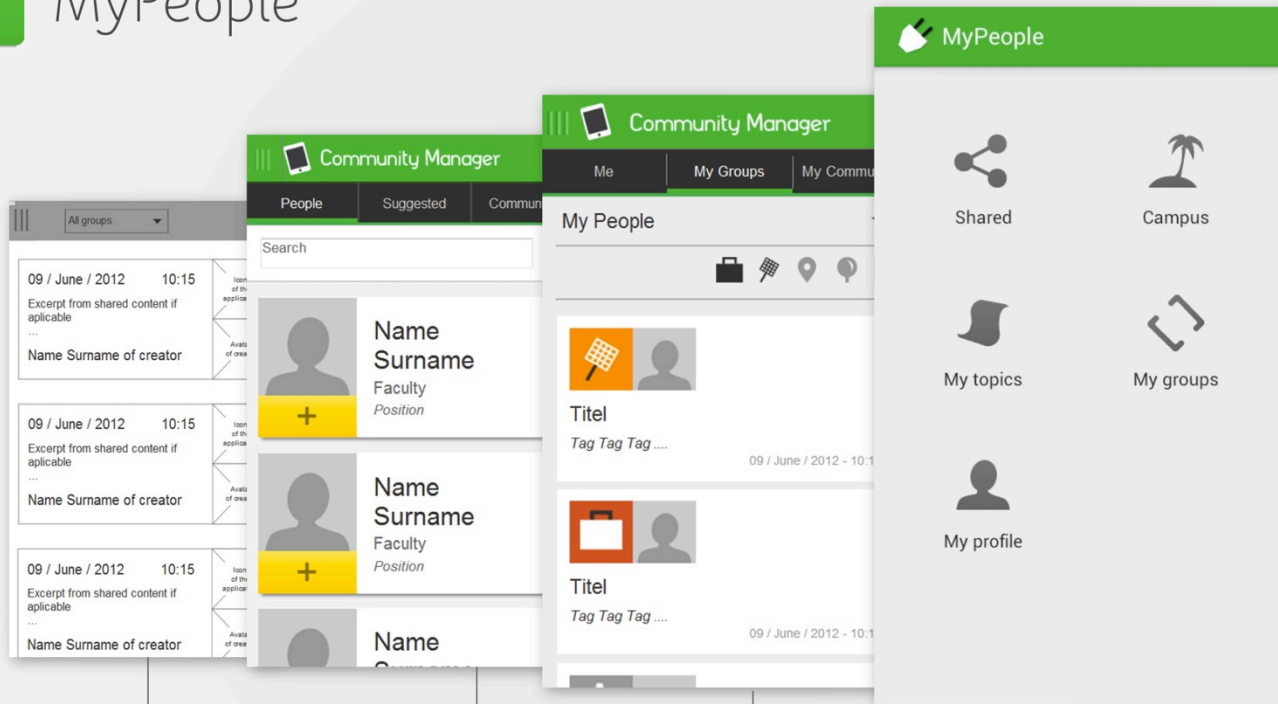


Launcher



NEW NAMES

SERVICE DESIGN



1.

List of shared contents as the first view of the app with the possibility to filter by a specific group.

2.

List of people and communities present in the campus as the first view. Plus laterally sliding main menu

3.

List of shared content as the first view with augmented possibilities to filter the content.

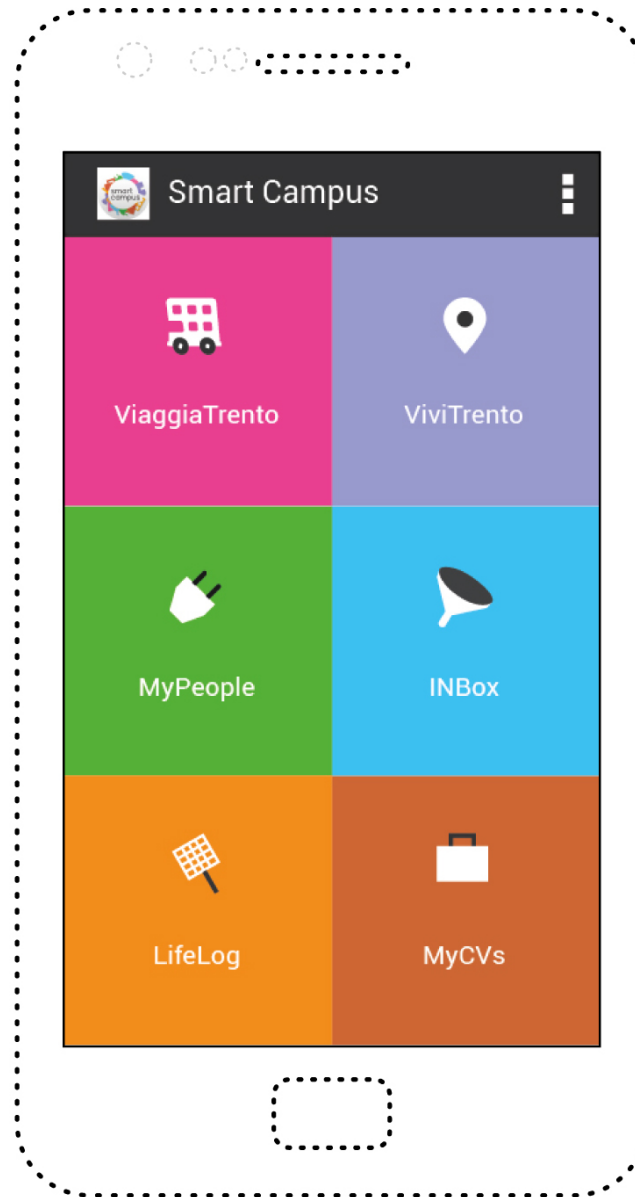
Present

Android optimized navigation. More efficient cross application functionalities.

Plan your trips
and get
notifications

Organize your
social contacts

Collect photos,
videos and more



Events & places
around you

Organize
University news

Create your
verified CV

GOING LIVE!!





ORGANISING THE STUDY





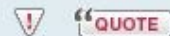
Chrash da "my profile"

POSTREPLY ↩

🔍 Search this topic...

Search

Chrash da "my profile"



📄 by [redacted] » Tue 27 Nov 2012, 21:55

Cliccando sul simbolo + presente nella schermata l'applicazione non risponde e dopo qualche secondo lo schermo diventa nero e l'applicazione viene terminata dal sistema operativo. Finché il sistema operativo non avverte l'utente che ha terminato "community manager" il telefono è bloccato.

Re: Chrash da "my profile"



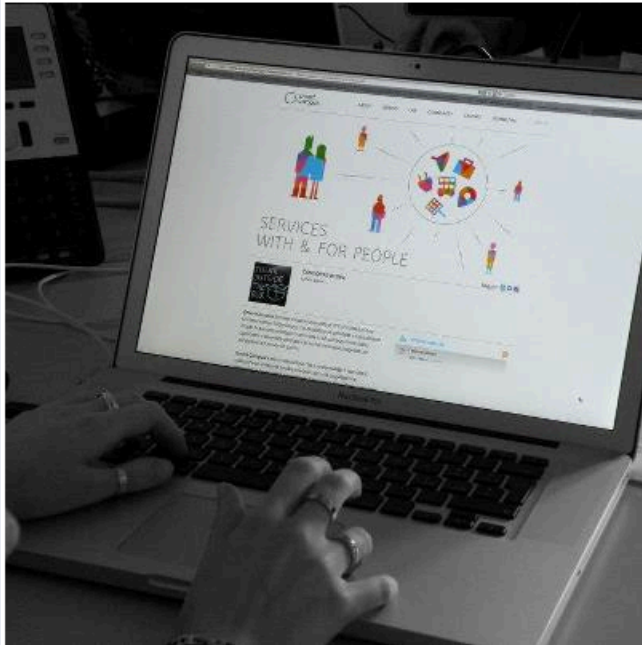
📄 by [redacted] » Tue 27 Nov 2012, 22:04

Ho verificato: si tratta di un baco. Grazie per la segnalazione. Apro immediatamente un ticket presso i nostri sviluppatori per risolverlo al più presto. Grazie ancora!

tester/designer/developer team --- good design comes from a community!! Let us know if you are interested!
2 febbraio alle ore 10.45



Smart Campus Lab presso Smart Campus Lab.
30 gennaio



Mi piace · Commenta · Condividi



A Tiziano Molinari, Trento RISE, Sylvie Noel e altri 11 piace questo elemento.



Smart Campus Lab ha condiviso un link.
28 gennaio

We thank Paolo Traverso, speaker of 1st Smart City seminar! He made a very interesting lecture and we will soon upload a selection of the main points of his talk!

Visualizza traduzione



FBK – Fondazione Bruno Kessler
cit.fbk.eu

His main research interests are in Software and Services, Artificial Intelligence, and the Automated Verification and Synthesis of software



Smart Campus Lab
1 febbraio

180 likes! Our community is growing fast :)

Visualizza traduzione

Mi piace · Commenta

A Gabriele Zacco, Giovanni Artusi, Mattia Benedetti e altri 2 piace questo elemento.



Smart Campus Lab ha condiviso un link.
29 gennaio

Find us also on Google +

Visualizza traduzione



Smart Campus – Google+
plus.google.com

Smart Campus – Services WITH and FOR people – SmartCampus is a lab and a community. The lab builds a social and technical environment for collaborative

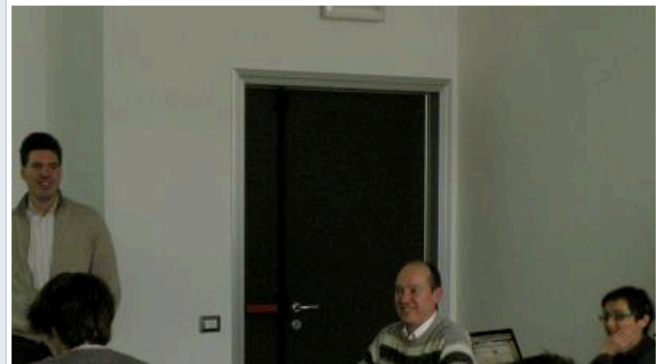
Mi piace · Commenta · Condividi

A Martina Margoni e Gabriele Zacco piace questo elemento.



Smart Campus Lab
29 gennaio

Ideas Contest presentation_28 January 2013 (8 foto)





Search



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Lists

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Email

Password

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Worldwide Trends · [Change](#)

- #CandyHeartRejects
- #OnValentinesIllBe
- #QuieroUnaFotoCon
- #IHateHowPeople
- #QueLindoEs
- iCarly For The KCA
- Feliz San Valentín
- Happy Valentines Day



34

TWEETS

50

FOLLOWING

44

FOLLOWERS



Follow



Tweets



Smart Campus Lab @smartcampus_lab

9h

Don't miss tomorrow's Smart City seminar on participatory design - 11:00 sala Stringa, FBK buildings - Povo (TN) trentorise.eu/news/smart-stu...

Expand



Smart Campus Lab @smartcampus_lab

16h

Pic from the lab! pic.twitter.com/apTAn8gn

[View photo](#)



Smart Campus Lab @smartcampus_lab

7 Feb

Next week we're having prof. Antonella De Angeli talking about [#participatory](#) [#design](#) at 2nd [#smartcity](#) [#seminar](#) facebook.com/events/1501790...

Expand



Smart Campus Lab @smartcampus_lab

7 Feb

Time for answers in our photo contest! [#facebook](#) facebook.com/smartcampuslab...

Expand

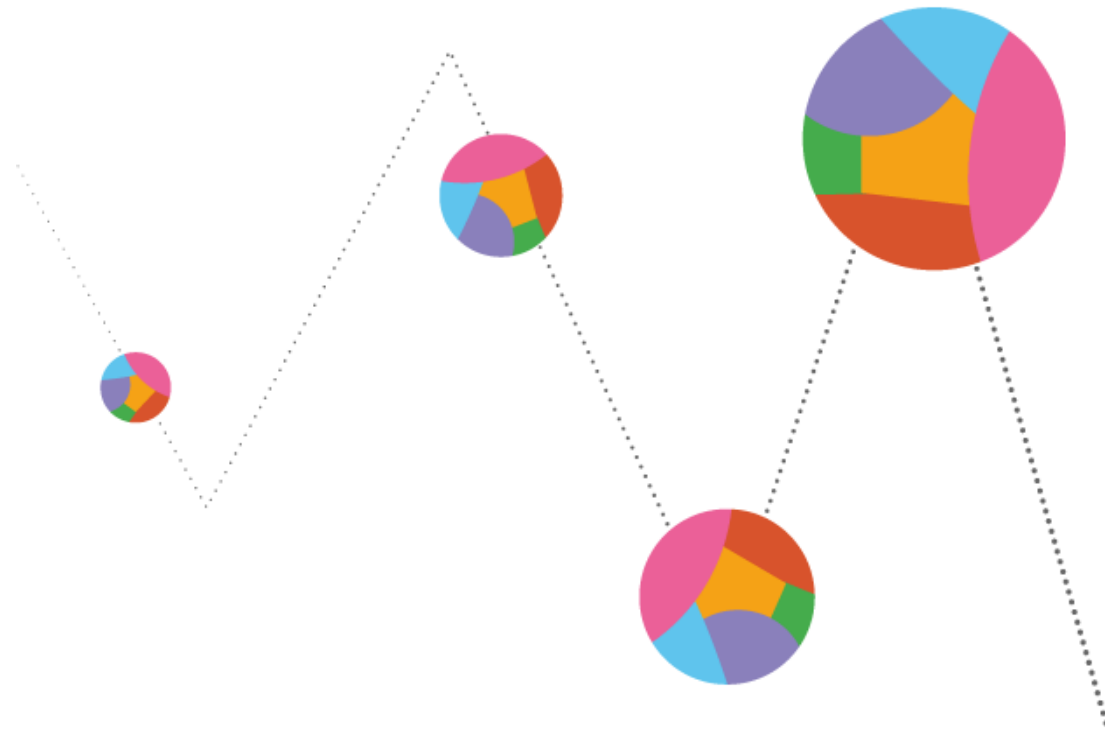


Smart Campus Lab @smartcampus_lab

6 Feb

Have a look at our [#facebook](#) photo challenge last post!



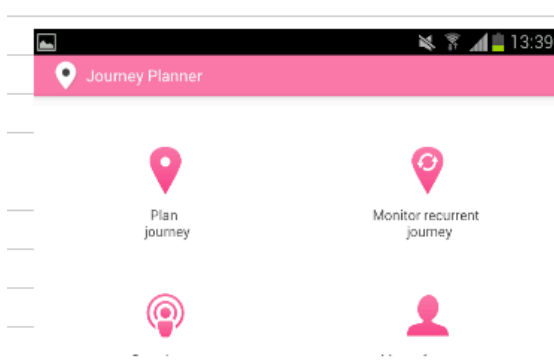


Participatory design

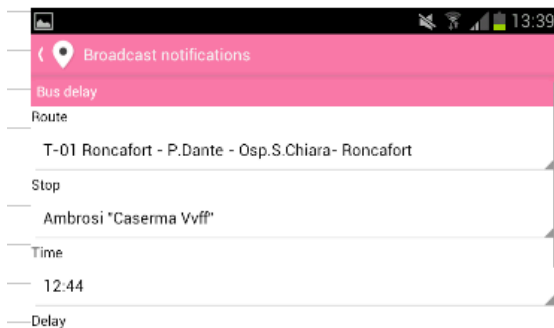
HCI/CSCW course-work

- Longitudinal project (two year+)
- 400 students (computer science and sociology) + 120 friends
- Evaluate the apps, give feedback, design prototypes,
- Select lead-user for Participatory Development

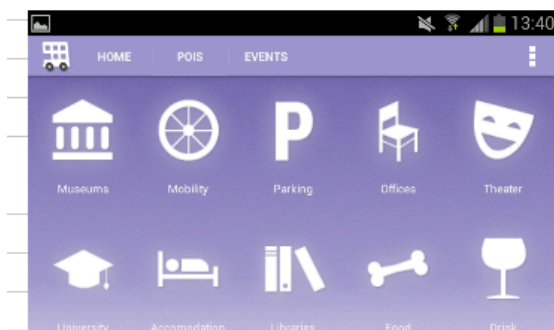




La schermata orizzontale non è ottimizzata per contenere tutte le opzioni.



Sempre nella schermata orizzontale la barra di scorrimento si sovrappone con gli indicatori sottostanti.



In *Discover Trento* la visibilità del focus sui tab è eliminata nel caso di visualizzazione orizzontale.

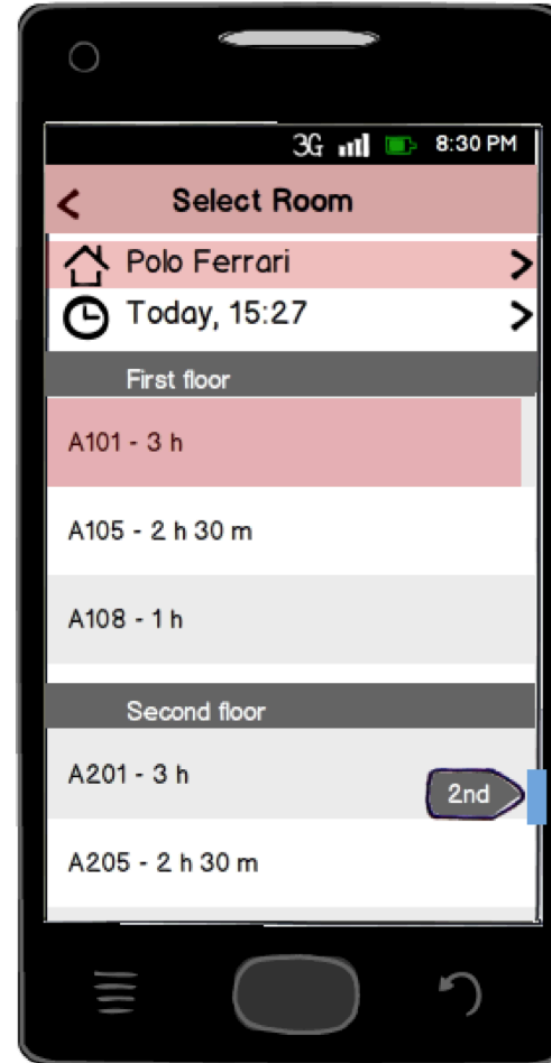






Design CONTESTS

- Teams of students
- Present their app proposal and design to a committee
- Win an internship where to implement it





Participatory development



INTERNSHIPS

- 15 computer science students
- Design and develop their own app ideas within the team
- Integration with the Smart Campus ecosystem
- Apps about to be released for in-the-wild evaluation

GOING OPEN SOURCES

Chrome File Edit View History Bookmarks Window Help

to Screenshot dello schermo di Smart Campus

trac.smartcampuslab.it

smart campus

Search

Login | Preferences | Help/Guide | About Trac

Wiki: WikiStart

Wild Browse Source View Tickets Search

Start Page Index History

Welcome!

Welcome into the SmartCampus open source TRAC wiki.

Important announcement: APP NEW NAMES!

SmartCampus services have been recently renamed. This change has been applied only to the Graphical User Interface of the services. The names of the Subversion repositories and other development and infrastructural resources have maintained the old names. In order to help our readers retrieving the information they need we summarize in the following table the mapping between the new names of the apps and the legacy names still used for some of the relevant development resources.

NEW name	OLD name
ViviTrento	DiscoverTrento
ViaggiaTrento	JourneyPlanner
INbox	Communicator
MyPeople	CommunityManager
LifeLog	ExperienceBuster
MyCVs	Portfolio

Documents & Resources

From this TRAC instance you can browse the source code of the SmartCampus project and track the open tickets related to bugs and enhancements. Besides, a few other documental resources are available:

- [an overview of SmartCampus Open Source approach](#)
- [a document describing the architecture of the SmartCampus platform and how to develop with it](#)
- [an introduction to the development of Android apps based on SmartCampus](#)
- [about](#)
- [credits](#)

[About Trac](#)

Download in other formats:
Plain Text

Last modified 8 days ago

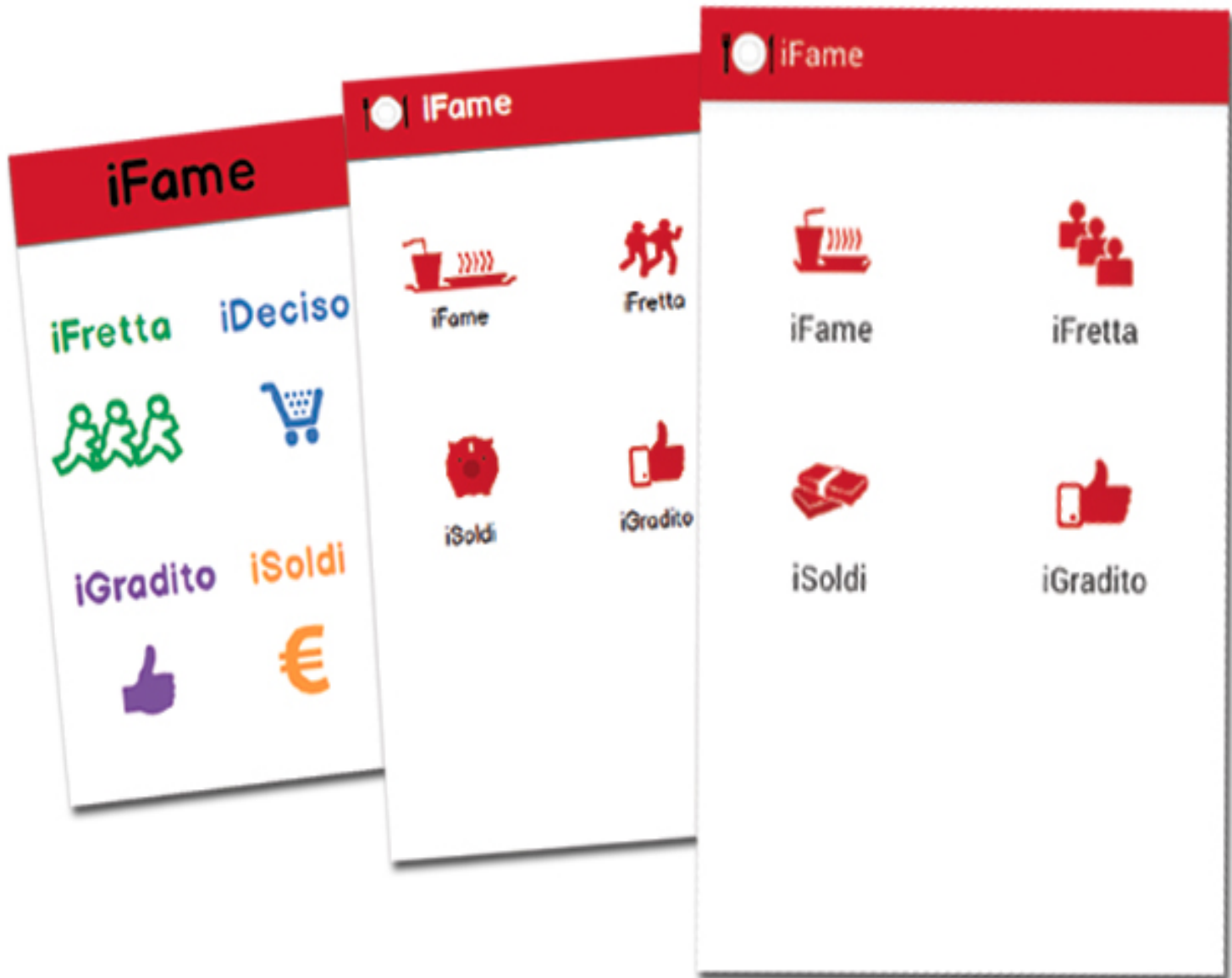
Powered by Trac 1.0
By Edgewall Software.

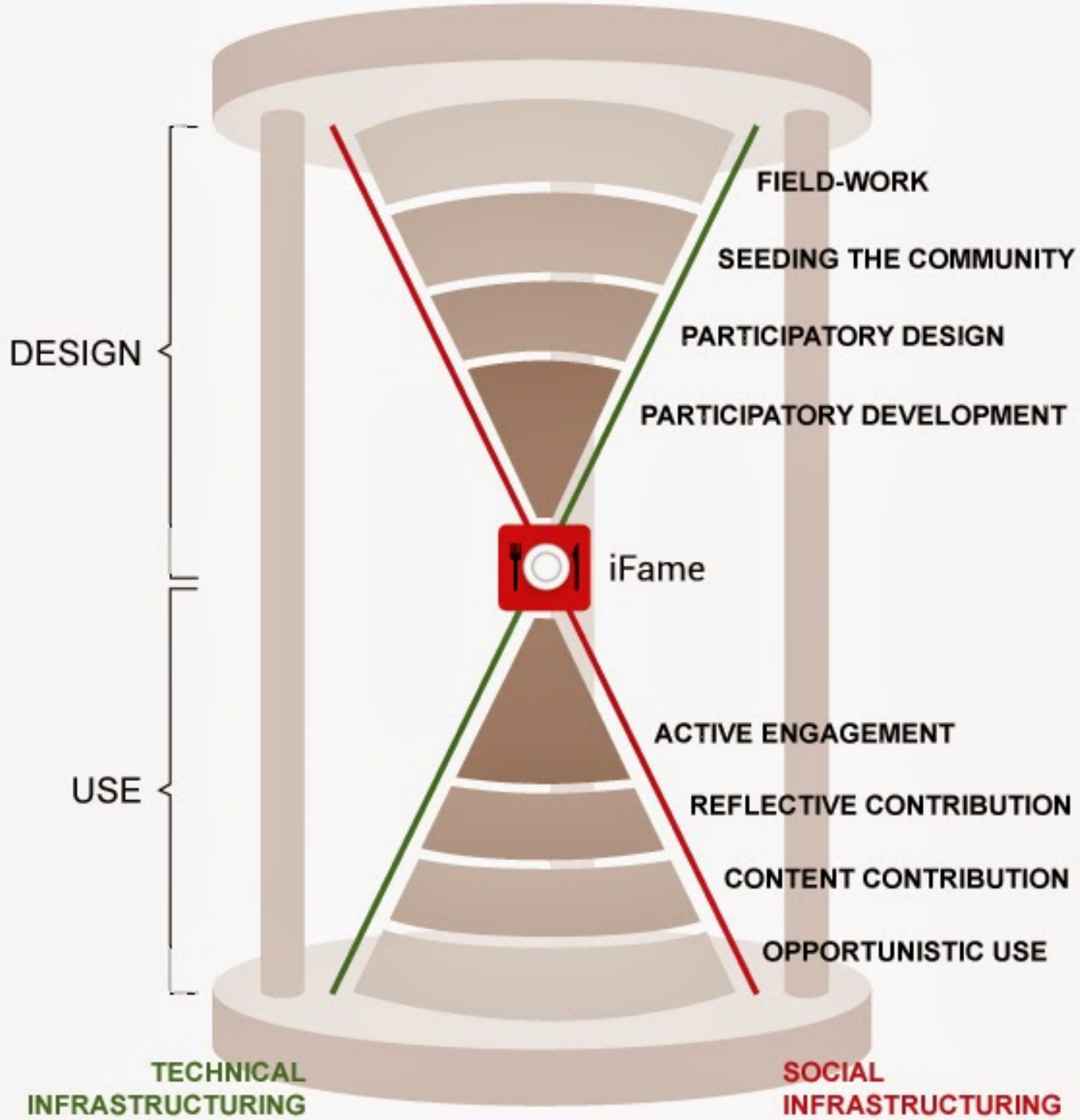
Visit the Trac open source project at
<http://trac.edgewall.org/>

HACKATHON

- 30 computer science students, 48 hours
- Design and develop new app prototypes
- Combine resources provided by the existing platform

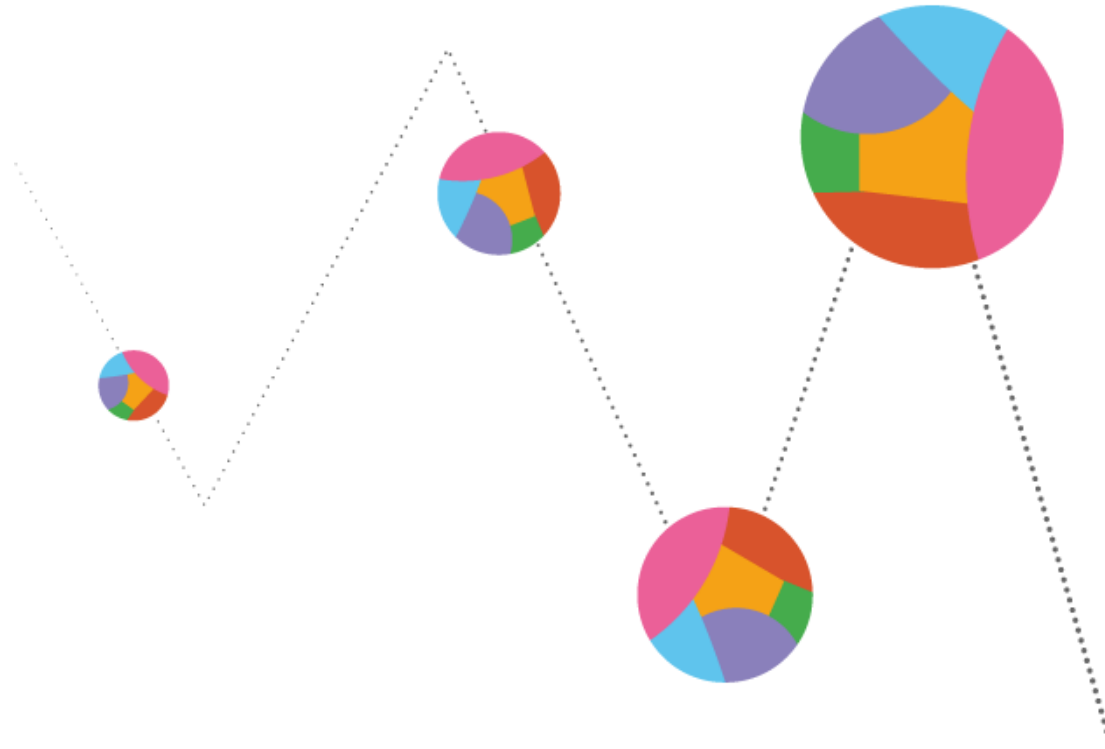










OPPORTUNISTIC USE




CONTENT CONTRIBUTION


 iFame




iFame



iFretta





iSoldi



iGradito

 martedì 07 gennaio 2014

MENÙ DEL GIORNO	ALTERNATIVE
Primi	Kcal
Crema di porri	168
Pasta ricotta e zucchine	424
Pasta cacio e pepe	582
Secondi	Kcal
Scaloppina alla boscaiola (misto bosco)	468
Bocconcini di tacchino alle spezie	152
Contorni	Kcal
Patate fritte/al forno	292

 Mesiano 1 

Cannellini in umido

Giudizio medio: **8**
Espresso da: **1 Utente**

Recensioni

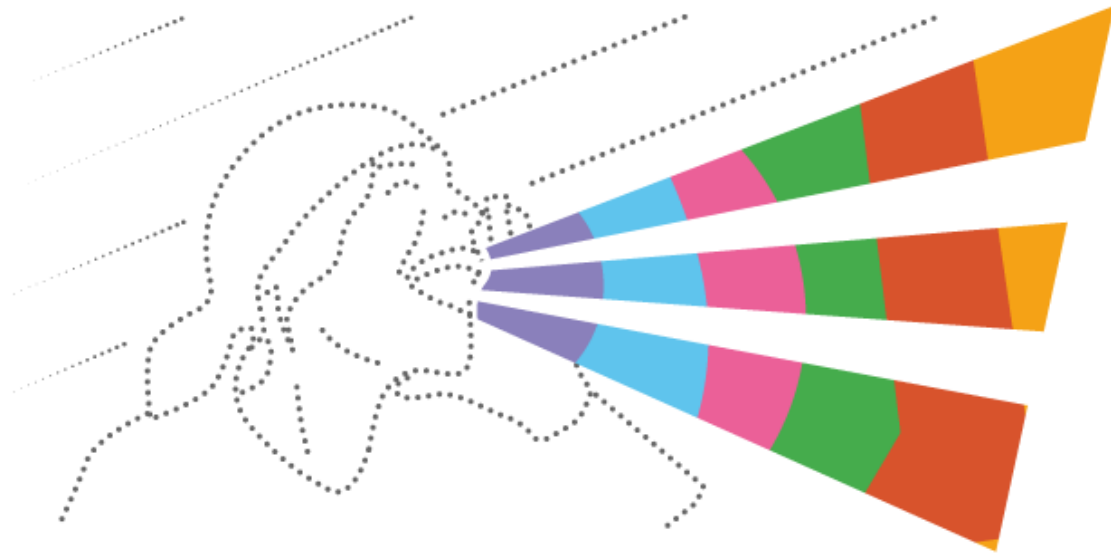
26/11/13 10:38

Ottimi con l'aggiunta di peperoncino.

Voto: 8


0

0



REFLECTIVE CONTRIBUTION

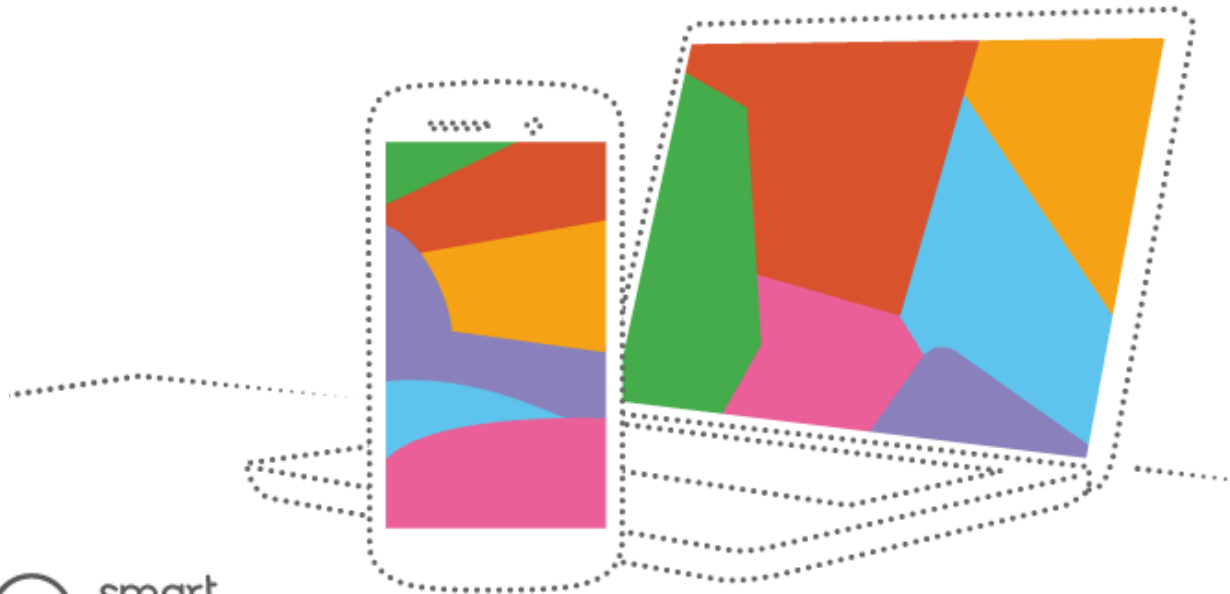
*“The presence of kcal values could be useful for other purposes. If we create a history of what we eat, then it will be possible to create a health profile with suggestions if someone doesn’t want to exceed with kcals”,
Functionality2: “Create a history of our usage, in order to track our money”*

“I agree... maybe with a timer like ‘next update in’ + progress bar in order to improve the interaction and dynamicity of the section”

*“Anyway the code is redundant [...] I think it is better to rewrite the code introducing a method to retrieve the correct case like /*it is pseudo-code and I hope that the prices are correct*/ if amount > 4.90 return 0;if amount > 3.90 return 1;if amount > 3.10 return 2;if amount > 0 return 3;return -1;”*



ACTIVE ENGAGEMENT



13 March 2014

COMMUNICATION CHANNELS

Where we are

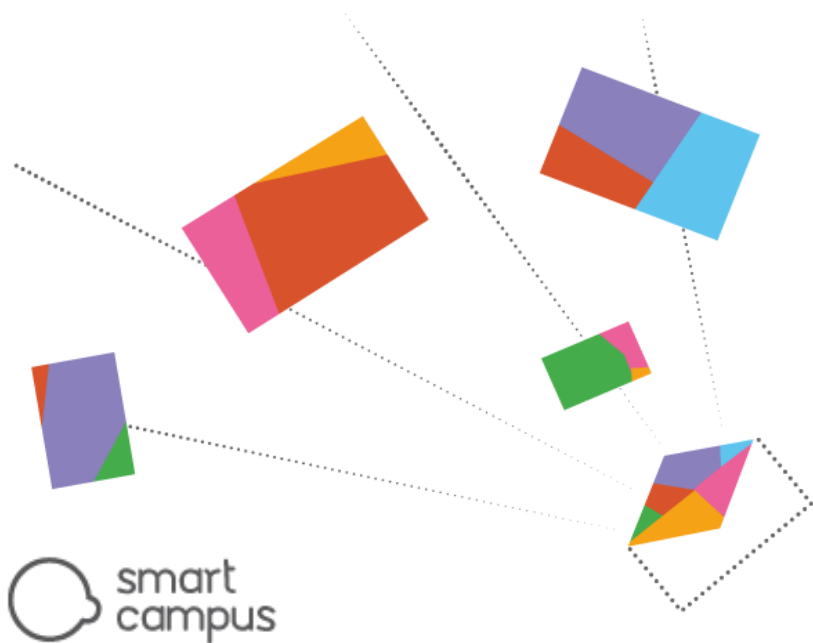
- Facebook
 - <https://www.facebook.com/smartcampuslab>
- Our Online Forum
 - <http://www.smartcampuslab.it/forum/index.php>
- Our website
 - <http://www.smartcampuslab.it/>

Where we are

- Twitter
 - @smartcampus_lab
- Google Plus
 - <https://plus.google.com/+smartcampuslabIT/posts>
- LinkedIn
 - <http://goo.gl/kcn2MZ>

Where we are

- YouTube
 - <http://www.youtube.com/channel/UCKM0WM4tuql9xm-jjRIsRFg>
- GitHub
 - <https://github.com/smartcampuslab>



Thank you!

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