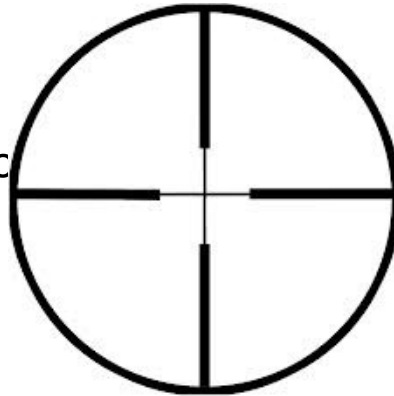




SCOPE

Exploring perception, visualization Correlates of human time allocation



CONTEXT

What is time ?

What are the rules of time ?

How can we accurately gather time data ?

Philosophy

Sociology
Economics

Time
Use

The
Quantified
Self

Information Science
(Visualization)

How do we experience time ?

How do we remember time ?

With what granularity do we perceive time ?

What is our (internal) representation of time ?

What is our (external) representation of time ?

What artifacts can be developed from personal time use data ?

How might these be used by an individual ?

How do university students use their time, and what correlates exist ?

Are there patterns that exist in the sequencing of time use ?

What models have been developed to explain how people allocate their time?

How can we represent time in relation to its correlates ?

How can we visualize data in order to find temporal correlates ?



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What models have been developed
to explain how people allocate their time?

How can we represent time in relation to its correlates ?

How can we visualize data in order to find temporal correlates ?

DIMENSIONS OF TIME-USE

duration

timing

sequence

frequency

Quantity of time

How much time do I
spend brushing
my teeth?

Time of day

What time of day
do I brush my
teeth?

Order of activities

What activities do
I do before and
after brushing my
teeth?

Number of occurrences

How many times do
I brush my teeth?

LEARNING GOALS

Develop knowledge

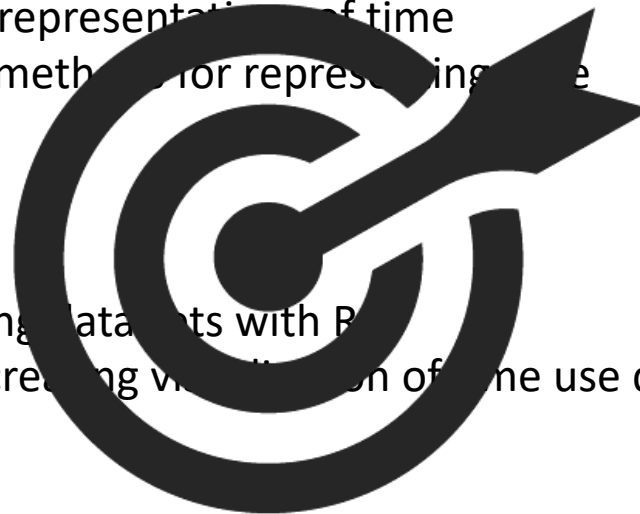
(psychology) internal representation of time
(information science) methods for representing time

Develop skills

(data analysis) analyzing datasets with R
(information science) creating visualizations of time use data

Gain experience

collaborating with research team
designing experimental studies

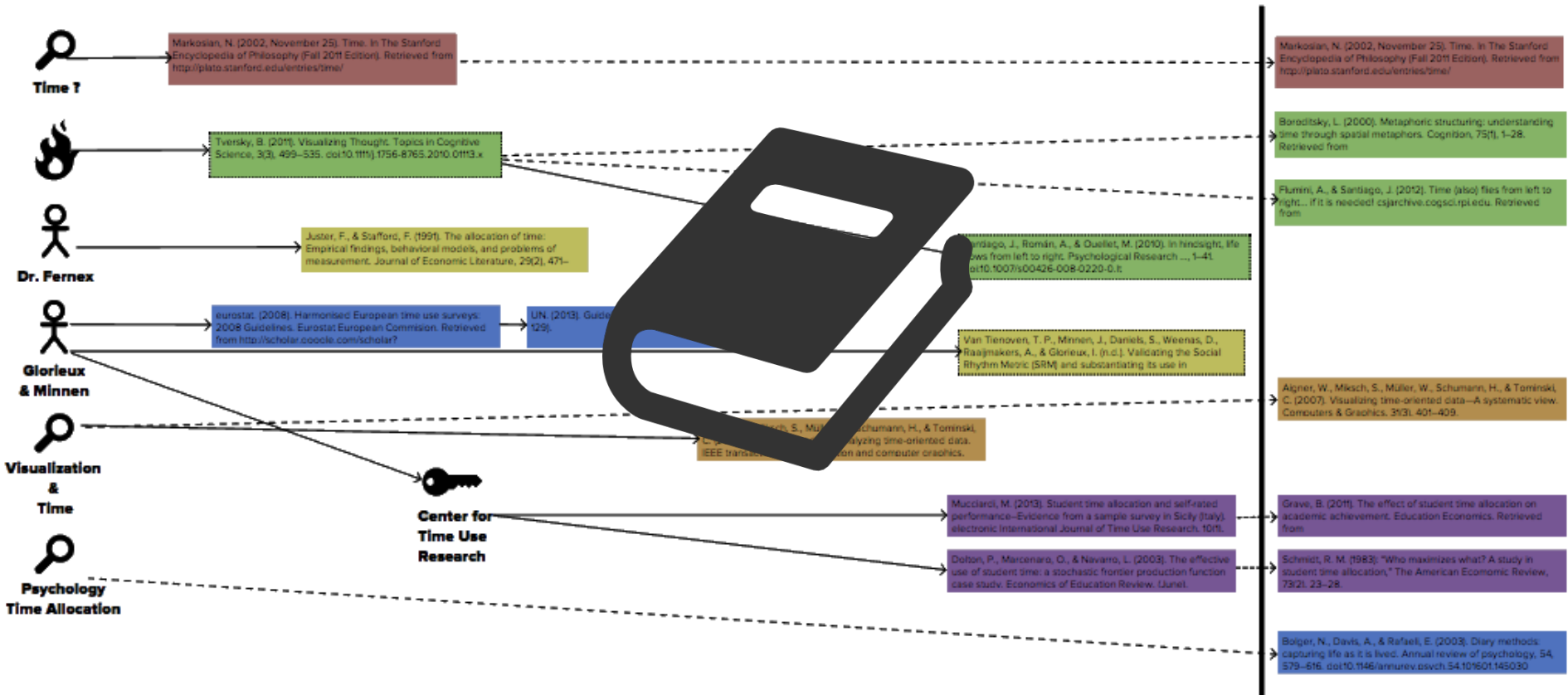


ACTIVITIES

- ☐ Evaluate MOTUS system as data collection tool
- ☐ Contribute to enhancement of existing app (file app + UX)
- ☐ Develop activity list for s
- ☐ Develop (my) research q
- ☐ Understand (team) rese
- ☐ Design student time allo
- ☐ Conduct pilot study in F
 - ☐ Presentation of time-use research to LS Master Preparation Students
 - ☐ Time Visualization exercise
 - ☐ (Manual) diary collection
 - ☐ Exploratory coding activity
 - ☐ Analyze data
- ☐ Synthesize and communicate results



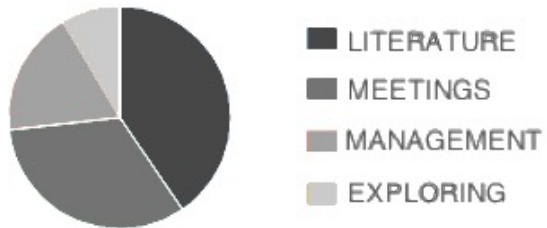
LITERATURE



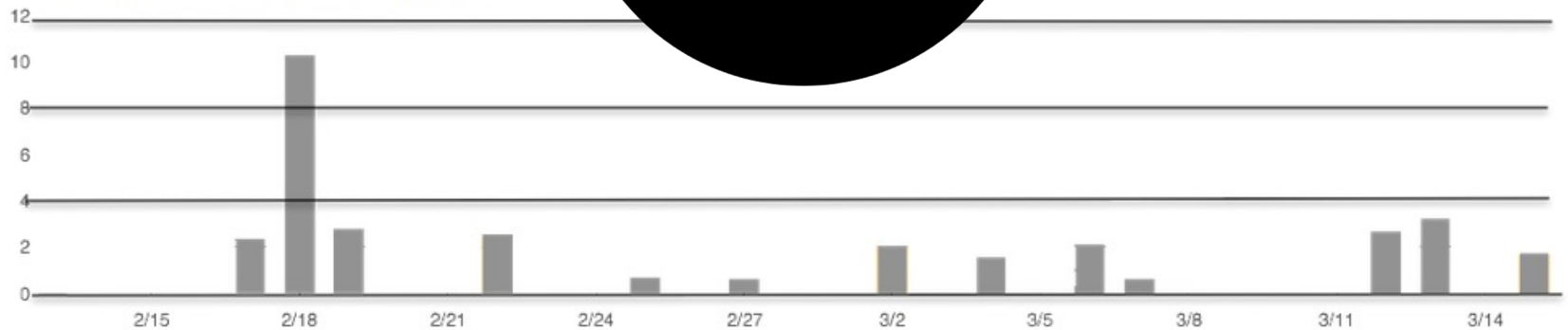
STATUS

02/15/14 - 03/15/14
Conceptual Design

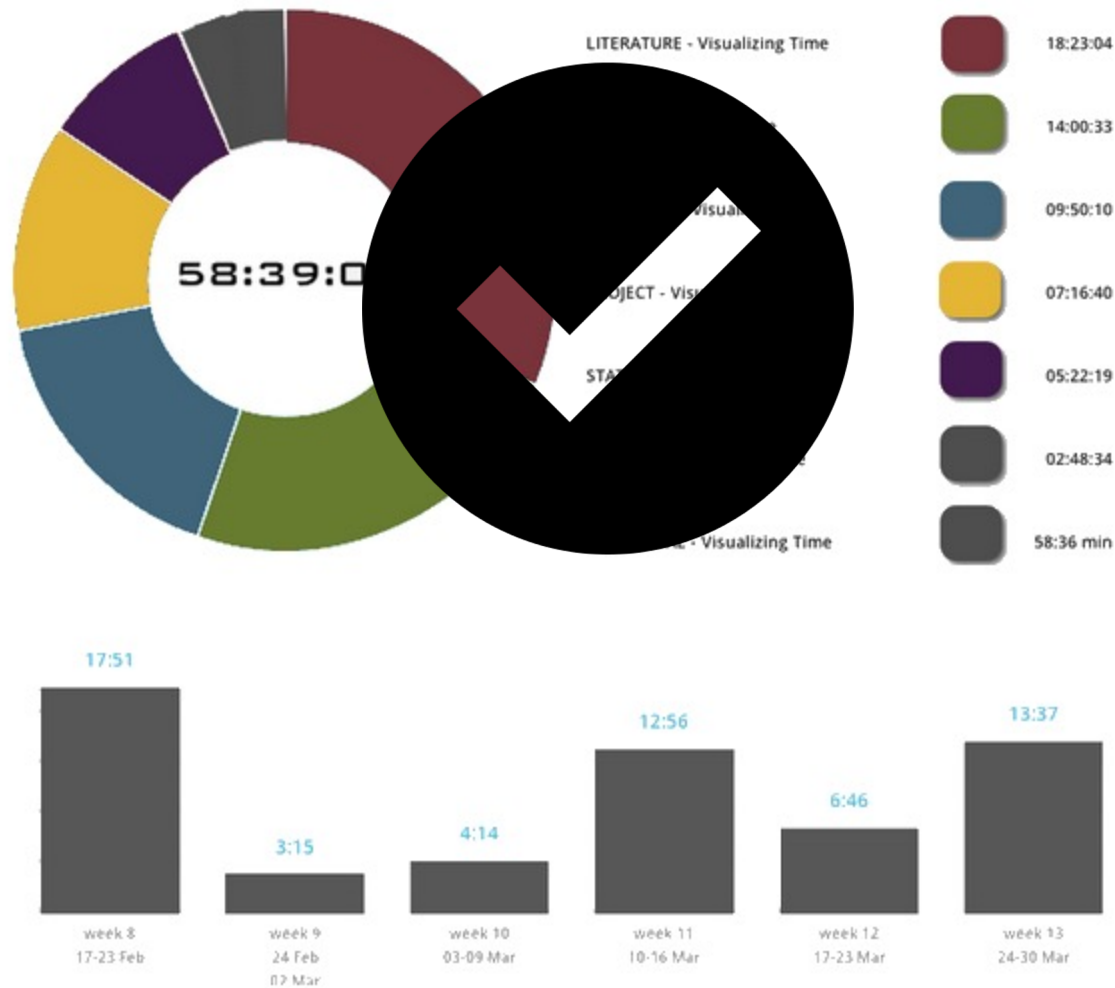
Functional Distribution of Project Time



Historical Distribution of Project Time



STATUS

D
E
S
I
G
N02
14
14
-
03
28
14

TOOLS

