MOMENTUM

You suck at estimating how long a project will take.

(It's ok, we suck too.)

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MOTIVATION

Estimating Completion Time

- Individually
- As a team

Accurate time estimates allow a team to focus their efforts in an dynamic and effective manner.

Current Approaches

- Complex equations
- Scheduling tools
- Time-trackers

Evidence Based Scheduling

- Historical data on programmer's predictions and performance
- Model possible outcomes
- Estimated time vs. actual time
- Manuscript

SOLUTION & POTENTIAL CHALLENGES

Solution

Extended Evidence Based Scheduling

- Break down tasks
- Automated time estimation
- Automated time tracking
- Calculate completion time

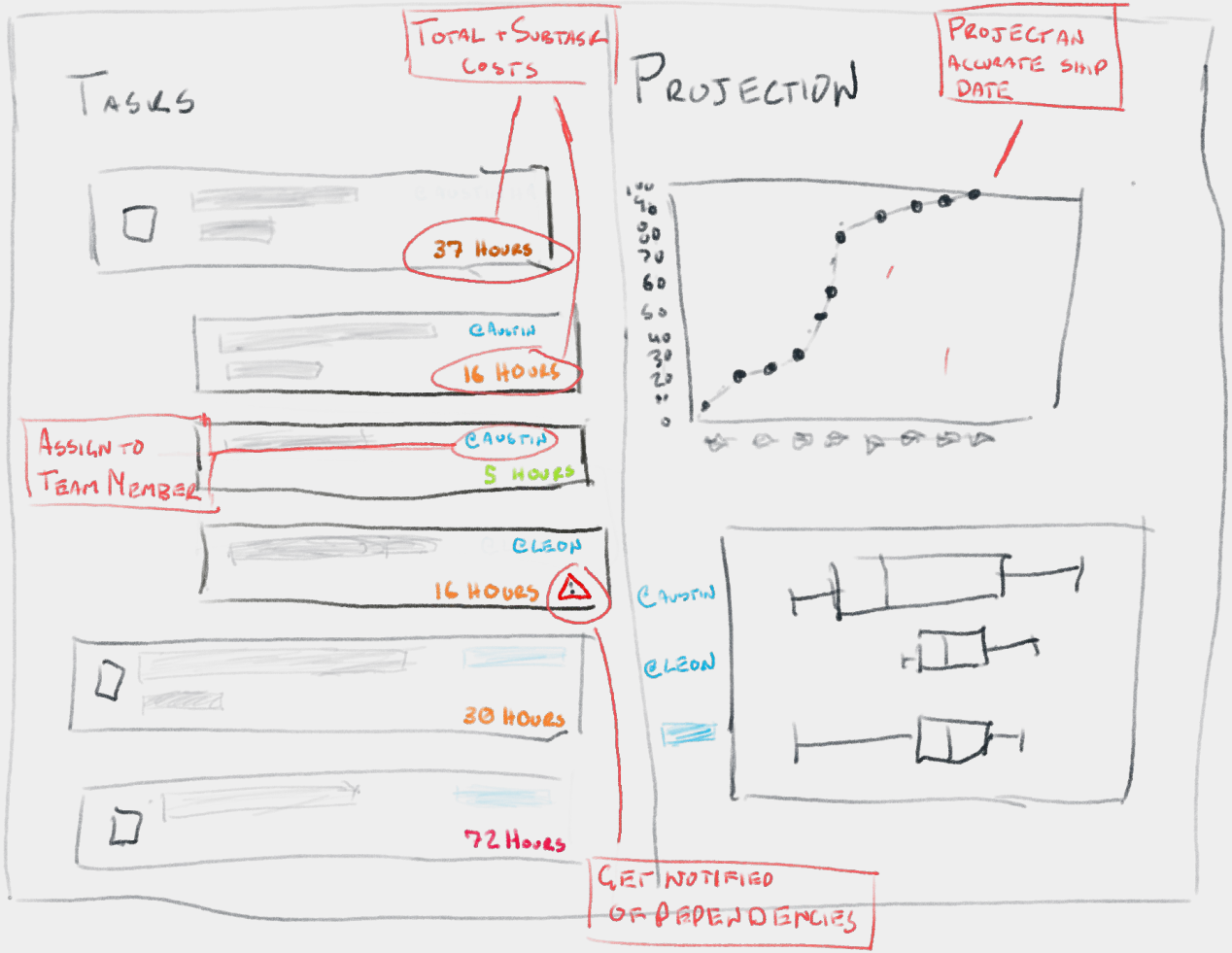
Eclipse plugin

Potential Features

- Easy updates
- Accounting for one's improvementments

Potential Challenges

- Correct estimate of the completion time
- Interpretation of similar tasks
- Updating estimations
- Extensibility


TASKS
TOTAL + SUBTASK COSTS
37 HOURS
@AUSTIN
16 HOURS
ASSIGN TO TEAM MEMBER
@AUSTIN
5 HOURS
@LEON
16 HOURS
30 HOURS
72 HOURS
GET NOTIFIED OF DEPENDENCIES
PROJECTION
PROJECT AN ACURATE SHIP DATE
100
90
80
70
60
50
40
30
20
10
0
@AUSTIN
@LEON