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# Beta Prototype

# Overview

- Project Schedule
- Important Events
- Process Related Information
- Other Experiences
- Demonstration

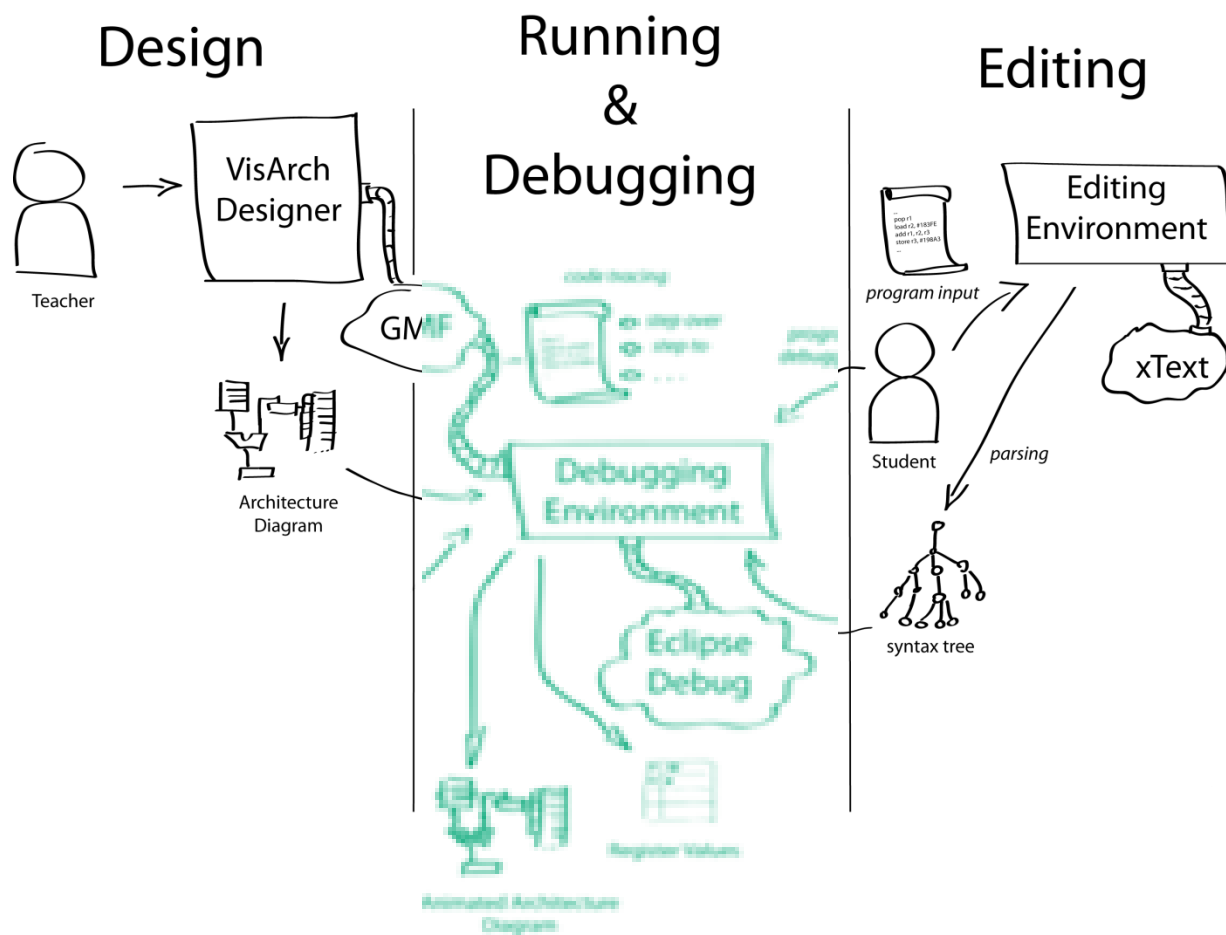


# Project Schedule

- Current State
- Advances Since Alpha
- General State of the Project
- Overview of Problems
- Achievements

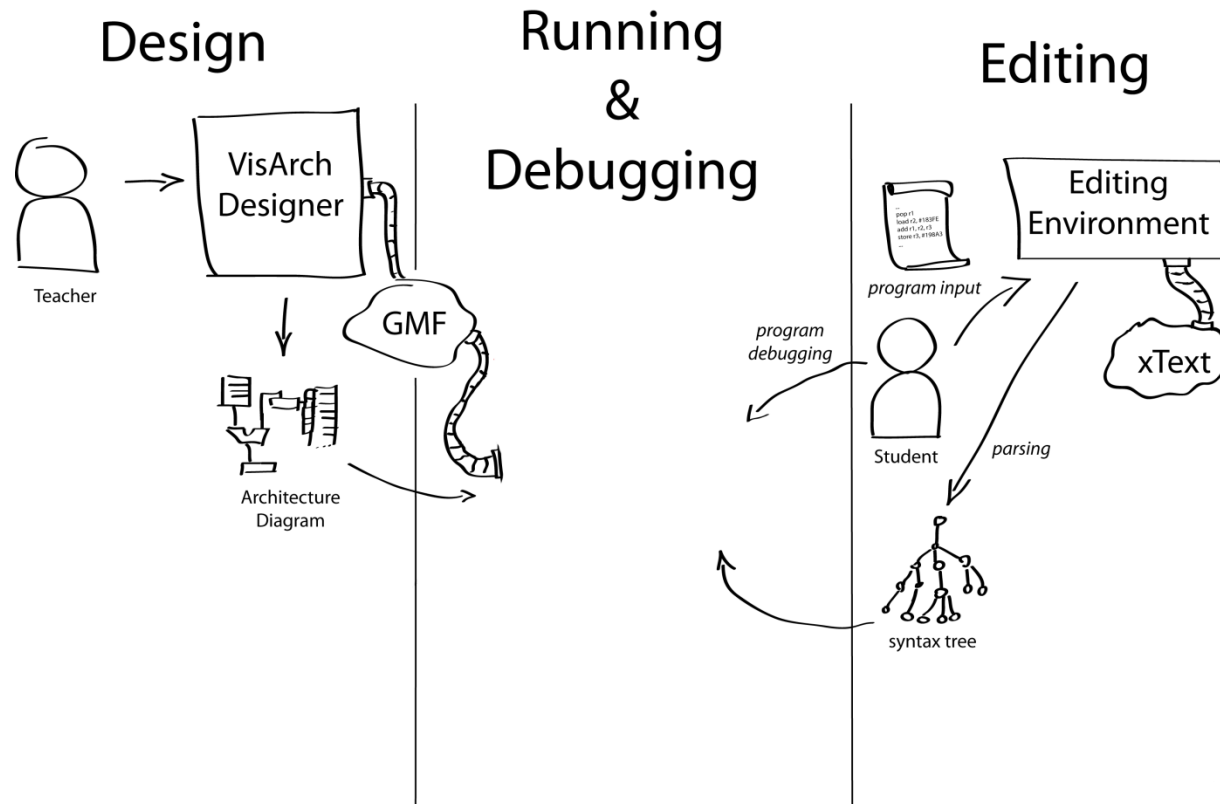


# Project Schedule: Current State



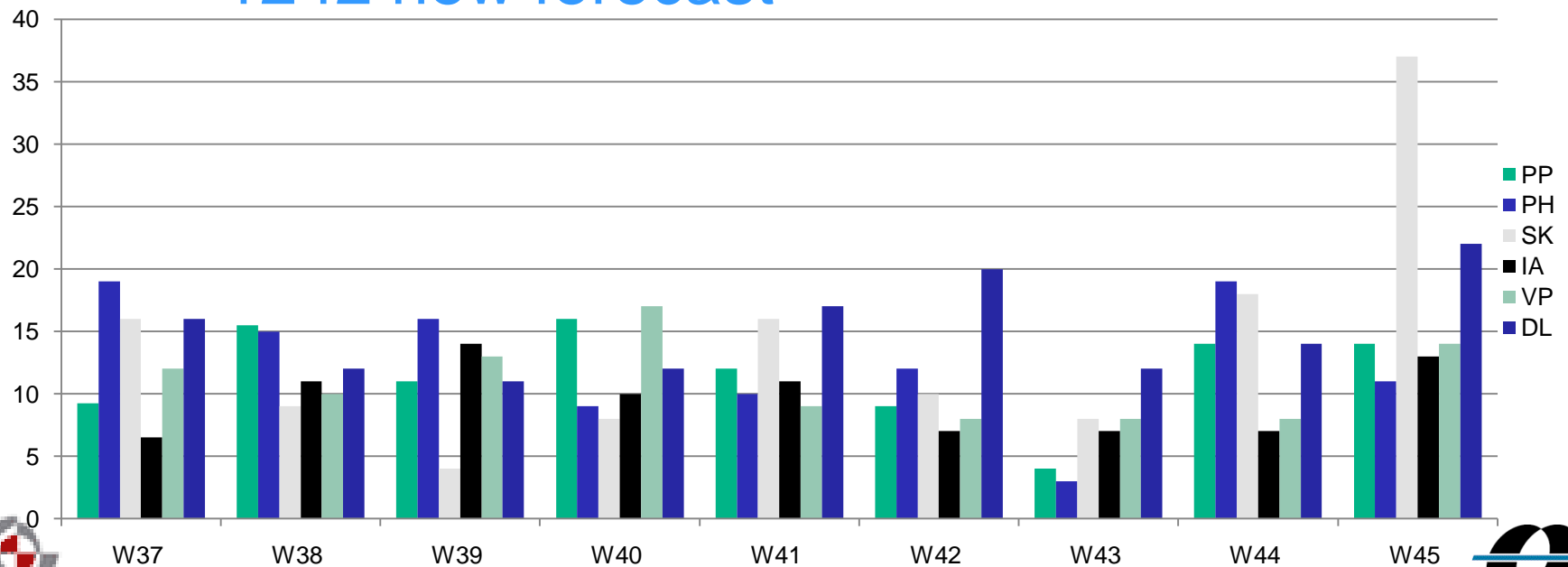


# Project Schedule: Advances Since Alpha



# Project Schedule: General State of the Project

- Cost: 666 man-hours
  - 864 predicted
  - 1440 planned project cost
  - 1242 new forecast





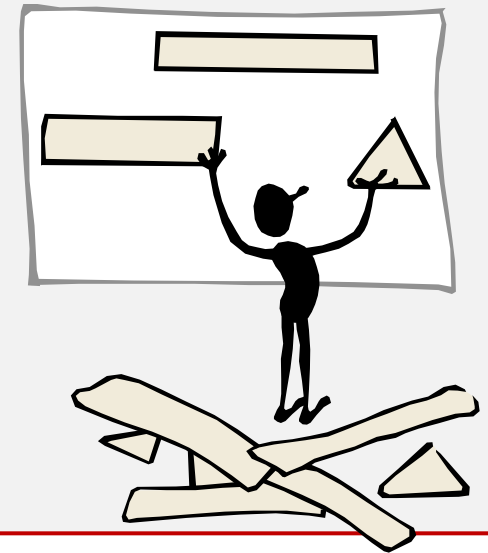
# Project Schedule: Overview of Problems and Achievements

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- A better understanding of Eclipse Architecture
- Alpha release
- Combine the Diagramming and Programming Views in a single Perspective
  
- The Debugger framework is vast and complex and there is little support for its functionality
- Creating an Interpreter for the student's assembly.

# Important Events

- Requirements Modifications
- Customer Meetings







# Process Related Information

## • PROMISE *Designer View*

- Assemble Graphical Architecture using drag and drop
- Connect, Resize, Edit Graphical components
- Edit graphical parts, add descriptions
- File Manipulation (Creation, Edit, Save)
- Define a custom Assembler Grammar





# Process Related Information

## • PROMISE *Student view*

- Accept and Save, Code, Input, Edit, Save
- Code parsing, syntax highlights, auto-complete
- Code Compilation and Debugging
- Stepping through code, adding breakpoints
- Visual Code Run





# Process Related Information

- **PLAN**

- Program Analysis Definition
- Program Development
- Program Testing



Activity	w45	w46	w47	w48	w49	w50	w51	w52	w1
Project preparations	█								
Requirements analysis & definition	█	█	█				█	█	
Project planning		█	█	█					
Program development		█	█	█	█	█	█	█	
Program testing					█	█	█	█	█
Documentation development						█	█	█	█



# Process Related Information

- **PROGRESS**

- New technologies
- Refined the UI versions
- Making some headway with the debugger



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- **SETBACKS**

- Schedule
- Accessing in-built functionality

# Other Experiences

- Negative
  - Unstable versions of Eclipse
  - Incomplete or wrong Tutorials
- Positive
  - Eagerness to learn
  - Visible results
- Unanticipated risks
  - Features
  - Tutorials





# Other Experiences

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- Work Distribution
- Communication
- Distributed Collaboration
- Cultural Issues



and now....

the demonstration



