



UniSpend

Meet Team Lovelace



Rony Besprozvanny

Back End Developer



Patrick Gibson

Back End Developer



Brent Lommen

Back End Developer



Yumou Wei

Back End Developer



Ryan Fredrickson

Project Manager

Front End Designer



Sean Nesdoly

Software Architect

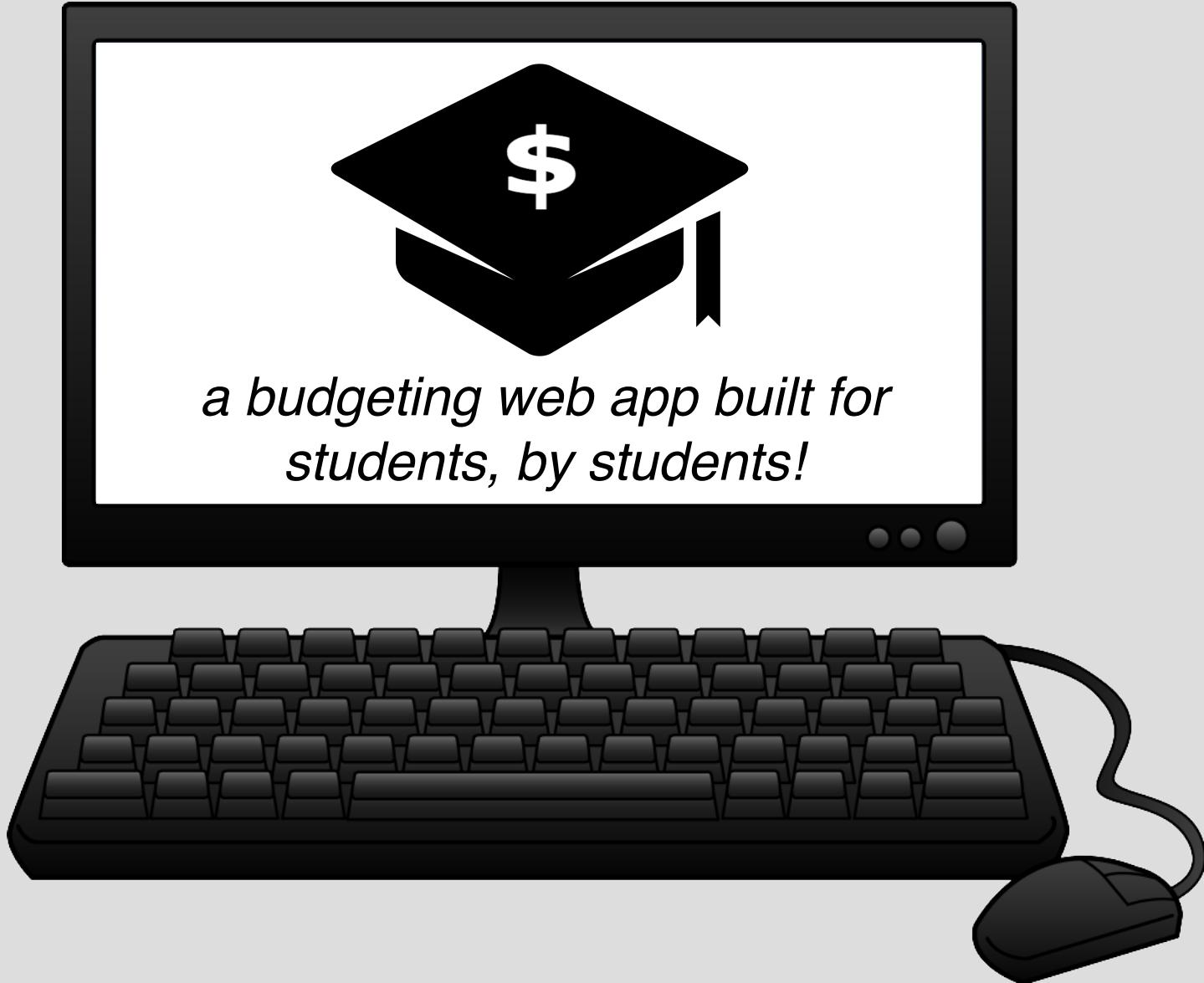
Front End Designer



Nat Wong

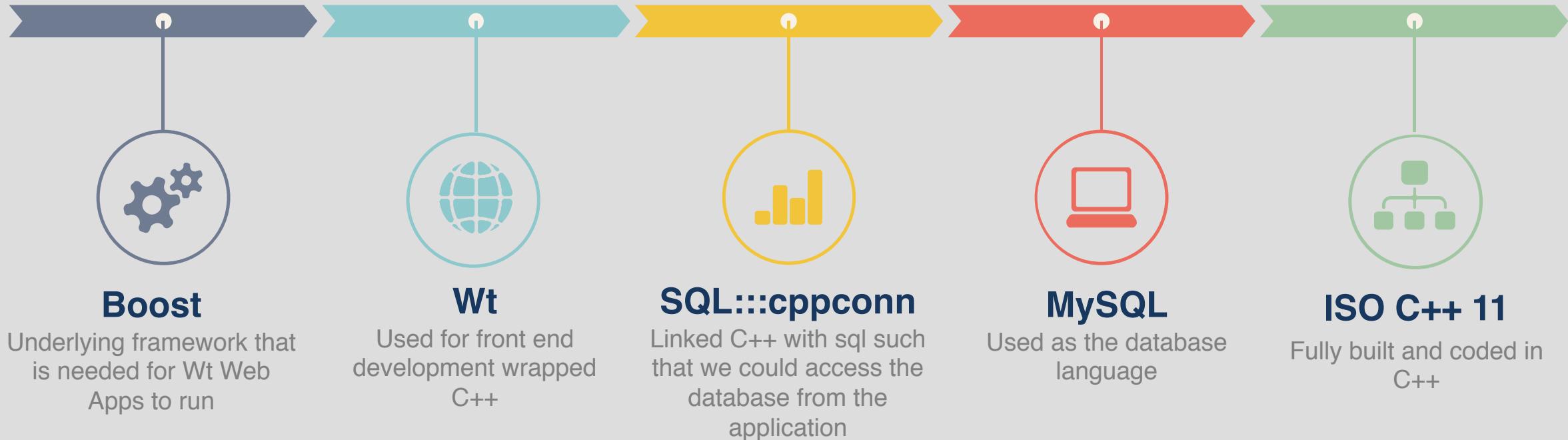
Front End Designer

Our Solution



Libraries & Architecture

Wt & MySQL



Testing

Consistent testing to ensure a working build at all times

Unit Tests

- TDD
- Black Box Testing



Integration Tests

- Test all functionality after every build
- Every build is a working build!



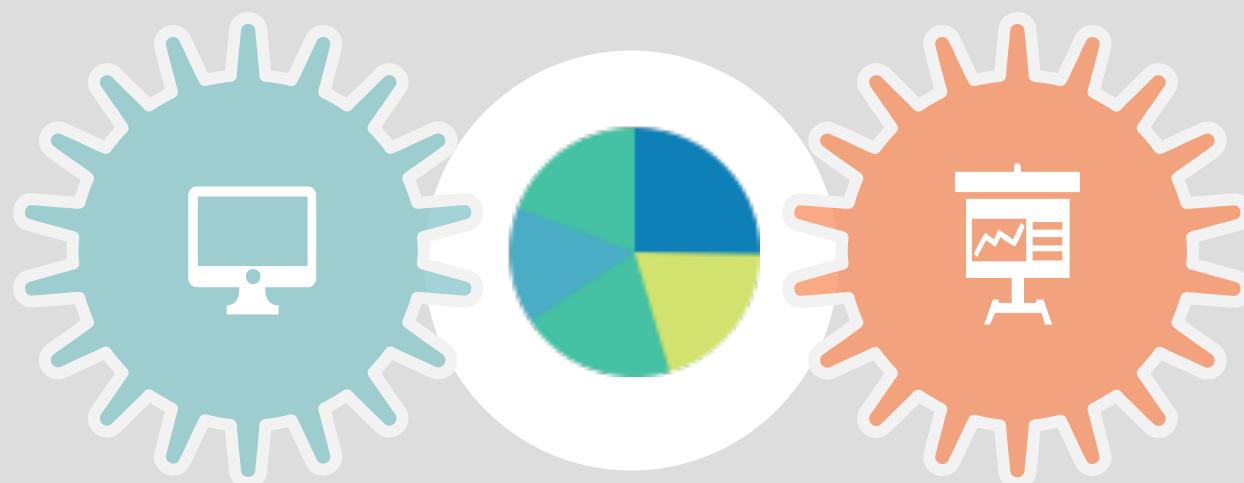
Team Co-operation

Things that worked

- Team meetings were well attended and effective
- Team communication was excellent
- Issues & bugs were solved promptly

Things that didn't

- Team relied heavily on certain members
- Integration bottlenecks



Difficulties Overcome

We had 3 major issues our project faced



1

Wt Installation

Initial build of Wt on server proved a challenge

2

Connecting Wt to SQL

Once database had been set up, connecting to front end was difficult

3

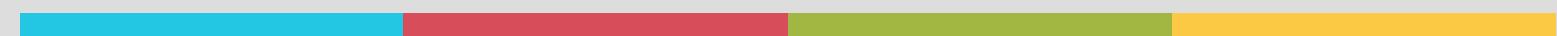
Developing locally vs. remotely

long term development will require installation of local databases, automated build cycles

Potential Improvements

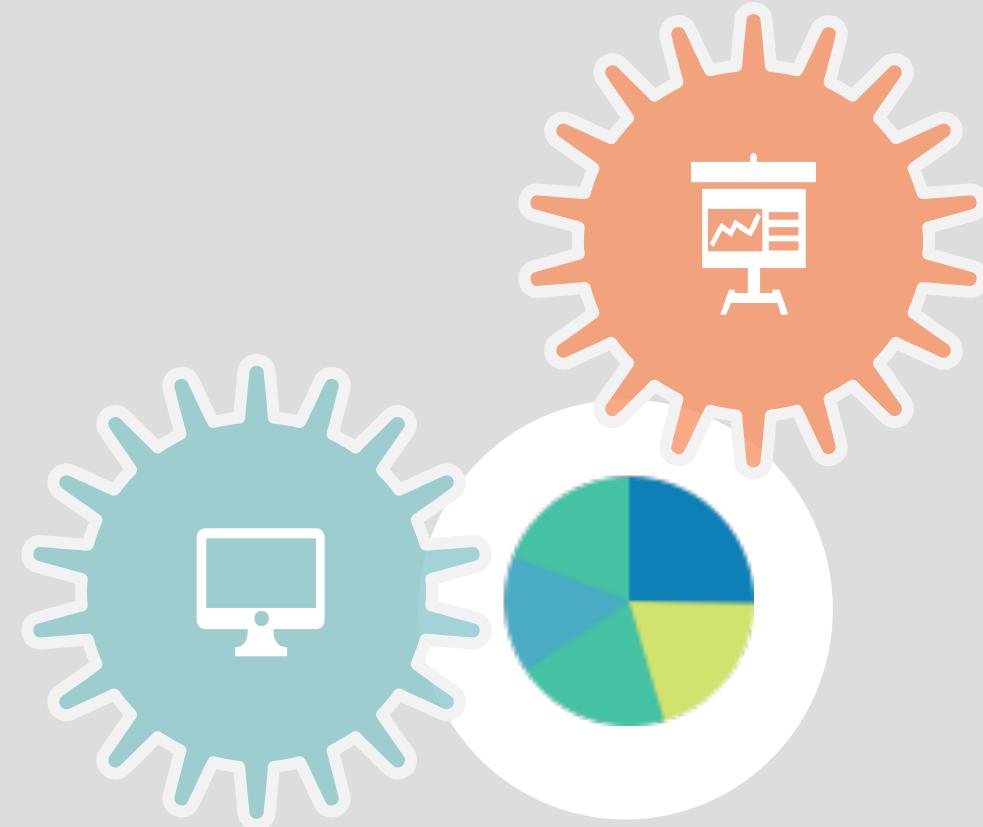
Accomplished the goals we set out but always room for improvements

Social Media	Security	Mobile Devices
		
<ul style="list-style-type: none">Ability to login with your Facebook or Gmail account (supported by Wt)	<ul style="list-style-type: none">Adding account security, specifically to passwords & sensitive transaction information	<ul style="list-style-type: none">Full optimization for mobile devices



Things we would do differently

- Nail down the development workflow with libraries earlier
- Split up the work more evenly
- Utilize the Gantt chart and task tracking more effectively
- Consistent updates between group members



UniSpend Demo

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