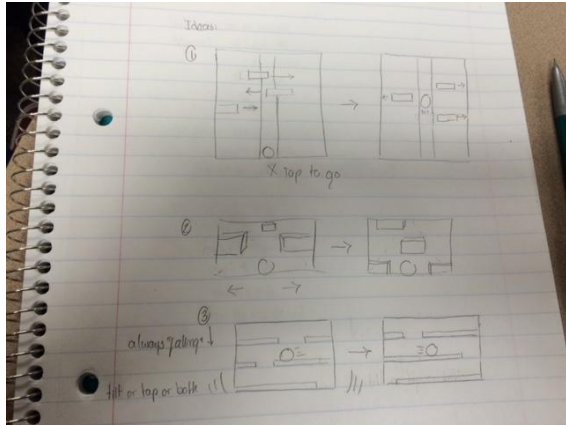


Bound Breaker

John Richards, Matt Schroeder, Victor Palacios, Brent Pivnik

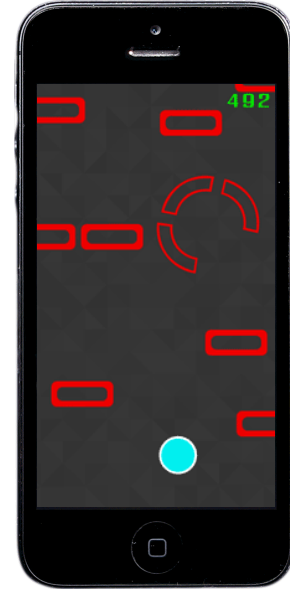
Tools for Development



Pen/Paper
5 Stars



Photoshop
5 Stars



After Effects
5 Stars

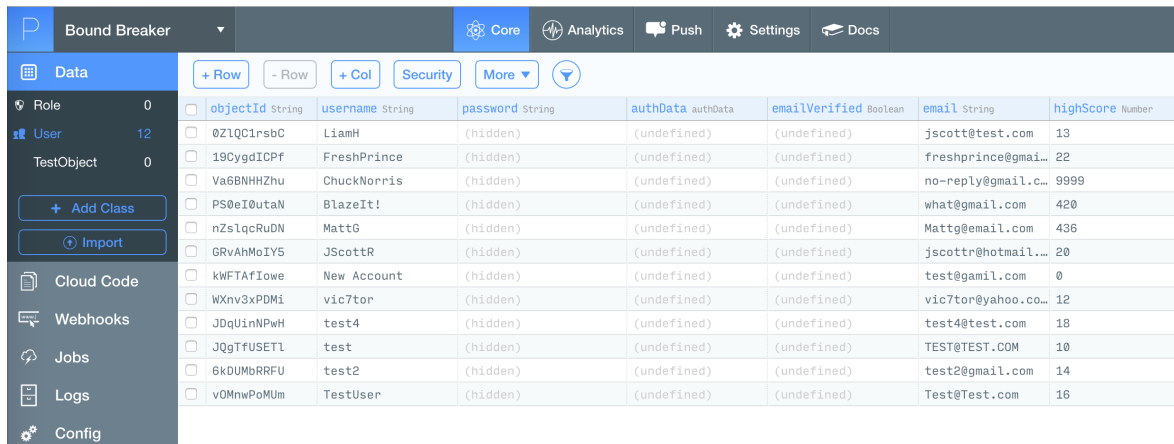
Database - Parse

Pros: extensive, well documented



Cons: Tough Learning Curve

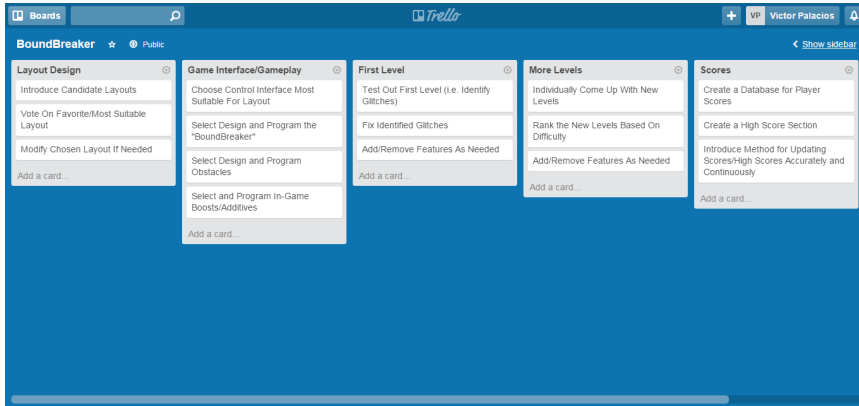
5 Stars



The screenshot shows the Parse web interface. At the top, there's a navigation bar with a 'P' logo, a dropdown menu, and tabs for 'Core', 'Analytics', 'Push', 'Settings', and 'Docs'. Below this is a 'Data' section with a table of user data. The table has columns for 'objectId', 'username', 'password', 'authData', 'emailVerified', 'email', and 'highScore'. The 'password' column is marked as '(hidden)'. The 'emailVerified' column is marked as '(undefined)'. The 'email' column contains various email addresses. The 'highScore' column contains numerical values. On the left side of the table, there's a sidebar with a 'Role' dropdown menu and a list of users: 'User' (12), 'TestObject' (0), and 'Add Class' (0). Below the sidebar, there are buttons for 'Add Class' and 'Import'. At the bottom, there's a 'Cloud Code' section with a 'Webhooks' button. The 'Jobs' section is also visible.

objectId	String	username	String	password	String	authData	authData	emailVerified	Boolean	email	String	highScore	Number
0Z1QC1rsbC		LiamH		(hidden)		(undefined)		(undefined)		jscott@test.com		13	
19CygdiCPf		FreshPrince		(hidden)		(undefined)		(undefined)		freshprince@gmail...		22	
Va6BNHHZhu		ChuckNorris		(hidden)		(undefined)		(undefined)		no-reply@gmail.c...		9999	
PS0eI0utaN		BlazeIt!		(hidden)		(undefined)		(undefined)		what@gmail.com		420	
nZslqcRuDN		MattG		(hidden)		(undefined)		(undefined)		Mattg@email.com		436	
GRvAhMoIYS		JScottR		(hidden)		(undefined)		(undefined)		jscotttr@hotmail...		20	
kWFTAfIowe		New Account		(hidden)		(undefined)		(undefined)		test@gamil.com		0	
WXnv3xPDMi		vic7tor		(hidden)		(undefined)		(undefined)		vic7tor@yahoo.co...		12	
JDqUinNPwH		test4		(hidden)		(undefined)		(undefined)		test4@test.com		18	
JQgTfUSETL		test		(hidden)		(undefined)		(undefined)		TEST@TEST.COM		10	
6kDUMbRRFU		test2		(hidden)		(undefined)		(undefined)		test2@gmail.com		14	
v0MnwPoMUm		TestUser		(hidden)		(undefined)		(undefined)		Test@Test.com		16	

Project Tracker - Trello



Pro: Simple easy interface

Con: Easier to use
texting/emails and
oversimplified



3.5 Stars

VCS - Git Hub

Pros: Central hub for project
plus ability to roll back

Cons: Merges are horrible
with XCode

5 Stars



Auto-Doc - Doxygen

Pro: Lots of options and works well with XCode

Con: Very simple options or overly complex

3.5 Stars



XCode - Testing / Programming



Pros: Awesome suite of tools

Cons: Only option for iPhone development and merge conflicts

4.5 Stars

Methodologies

Peer Code Review

Pros: Less buggy code

Cons: none

5 Stars

Agile

Pros: Rapid Development

Cons: Idea can get lost in group

4 Stars

Difficulties

- Some ideas are easier said than done
 - focus on the basics
 - avoid attractive though overly complex features
 - didn't implement all the things that we originally wanted to
- Unexpected behavior (e.g. score label not working)
 - acceptance
 - implement something similar
 - end-product didn't look exactly as desired
- No app-development or database experience
 - lots of tutorials
 - a lot of time spent learning rather than putting product together

Demo