
Form Buster

Milestone 2

Client:

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Sponsor:

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Progress Matrix

Task	Completion %	Raphael	Grace	McNels	To do
1. Implement pseudo-TRACKS system	100%	33.3%	33.3%	33.3%	None
2. Implement pseudo-PAWS database	100%	33.3%	33.3%	33.3%	None
3. Implement Form Buster database	100%	33.3%	33.3%	33.3%	None
4. Implement home page for the different categories of users	100%	33.3%	33.3%	33.3%	None
5. Implement student records page	100%	33.3%	33.3%	33.3%	None
6. Implement forms catalog page	100%	33.3%	33.3%	33.3%	None
7. Implement form submission pages	100%	33.3%	33.3%	33.3%	None



pseudo-TRACKS

<div><div><div></div></div><div>Search by email address, phone number, or user UID</div></div> <div><div>Add user</div><div></div><div></div></div>				
Identifier	Providers	Created	Signed In	User UID ↑
kbarron2016@my.fit.edu		Oct 23, 2018	Oct 25, 2018	02TA80TTlmQO2WMQDvQPqh8b...
kmoon2014@my.fit.edu		Oct 23, 2018	Oct 26, 2018	0BpZvSCN0fcZrFukNQzBqOZ8q7g1
jbrandt2013@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0EwirGbur6ZqeU6KWFgvXjuvVCe2
jcabrera2014@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0GWsqQ0kf7MEZ4C8tB04LXJPbw...
iwise2015@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0JndLDAlAyUjdzBvSQoWx9ecWCj2
jmcLaughlin2016@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0MRT71rLndhbyOm2n7atfpQBKQD3
aserrano2014@my.fit.edu		Oct 23, 2018	Oct 23, 2018	00kmDIz5EwM4ypWacGHaz1sjDn...
crobles2015@my.fit.edu		Oct 23, 2018	Oct 23, 2018	00wVXNDYNVUH2S8obMVsPsAU...
bdavis2016@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0X6GIF8rFGejdPmnECN0XmN3FM...
ecurtis2018@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0ZfsvlHQ2la0nuXQs0a1aVmwHue2
amcdonald2014@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0dt3Ybmxpog5jo0s7iuMzx505Jr2
teverett2014@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0hQPalkrsePLJjiSnYMGnwlOyMz2
ewhitney2015@my.fit.edu		Oct 23, 2018	Oct 23, 2018	0oB3Y4EsiYSXQ6mw8EPqVnS8dV...

pseudo-PAWS

🏠 > users > aadkins2016		
🏠 pseudopaws	📁 users	📄 aadkins2016
+ Add collection	+ Add document	+ Add collection
formDeadlines	aadkins2016 >	+ Add field
users >	aalvarez2016	advisorUsername: "eshelton"
	aarroyo	email: "aadkins2016@my.fit.edu"
	abarnes	▼ major
	abell2015	department: "Computer Engineering and Sciences"
	aberg2014	majorCode: "0778"
	abird2013	majorTitle: "Software Engineering"
	ablair2014	▼ name
	ablake2016	first: "Aliyah"
	ablanchard2016	last: "Adkins"
	aboyd2013	middle: "Haney"
	abradley	userID: "902683766"
	abradshaw2014	userType: "Student"
	abrewer2018	

pseudo-PAWS



 aadkins2016 

[+ Add collection](#)

[+ Add field](#)

▼ address

apartment: 846

city: "Kent" (string)  

state: "OH"

street: "720 Cottage Street"

zipcode: "44240"

▼ advisor



advisorEmail: "eshelton@fit.edu"

advisorUsername: "eshelton"

email: "aadkins2016@my.fit.edu"

▼ major

department: "Computer Engineering and Sciences"

 aadkins2016 

[+ Add collection](#)

[+ Add field](#)

adviserUsername: "eshelton"

email: "aadkins2016@my.fit.edu"

▼ major

department: "Computer Engineering and Sciences"

majorCode: "0778"

majorTitle: "Software Engineering"

▼ name

first: "Aliyah"

last: "Adkins"

middle: "Haney"


userID: "902683766"













userType: "Student"

Form Buster Database

🏠 > users > aadkins2016		
📁 formbuster-73603	📁 users ⌵ ⋮	📁 aadkins2016 ⋮
+ Add collection	+ Add document	+ Add collection
formTemplates	aadkins2016 >	completed
users >	aalvarez2016	drafts
	aarroyo	inProgressForms
	abarnes	notifications
	abell2015	+ Add field
	aberg2014	This document has no data
	abird2013	
	ablair2014	
	ablake2016	
	ablanchard2016	
	aboyd2013	
	abradley	
	abradshaw2014	
	abrewer2018	

Form Buster Database

 > users > aadkins2016 > inProgressForm... > Registration_10...

 aadkins2016 	 inProgressForms  	 Registration_10242018221600 
<div><div> Add collection</div><div>completed</div><div>drafts</div><div>inProgressForms ></div><div>notifications</div></div> <div><div> Add field</div><div><i>This document has no data</i></div></div>	<div><div> Add document</div><div>Registration_10242018221600 ></div></div>	<div><div> Add collection</div><div> Add field</div><div><div>▼ approvals</div><div><div>▼ 0</div><div>date: October 27, 2018 at 10:19:30 PM UTC-4</div><div>status: true</div><div>tracksID: "eshelton"</div></div><div><div>▼ courses</div><div><div>▶ 0 {audit: false, beginTime: ...}</div><div>formID: "Registration_05022018114000"</div></div></div></div></div>

Form Buster Database

🏠 > formTemplates > Registration		
📁 formbuster-73603	📁 formTemplates ⌵ ⋮	📁 Registration ⋮
+ Add collection	+ Add document	+ Add collection
formTemplates >	Registration >	Registration
users		
		+ Add field
		<i>This document has no data</i>

Demo

Technical Challenges

- Asynchronous function calls in JavaScript
- Authentication of Firebase users across different domains
 - formbuster.me X pseudotracks.me
- Dynamic creation of HTML components

Milestone 3

- ❖ Authentication system
 - ❖ Digital Approval of Forms
 - Student submits a form, faculty approves.
 - ❖ Apply a student's form history from database to student records
 - ❖ Email notifications
 - ❖ Form tracking feature
 - Student dashboard update
-

Questions?

The word "Questions?" is rendered in a large, teal, sans-serif font. A horizontal orange line is positioned below the text, starting from the left edge of the 'Q' and extending to the right, ending just before the 3D orange question mark. The question mark is a thick, 3D-style orange character with a small sphere at its base. The entire graphic is set against a plain white background.