

# **Next Generation Digital Learning Environments**

[bit.ly/kitscarrollu](https://bit.ly/kitscarrollu)

1. Correctly define the business problem
2. Form deep partnerships
3. Create a solution that stays true to your culture

# Interoperability and Integration

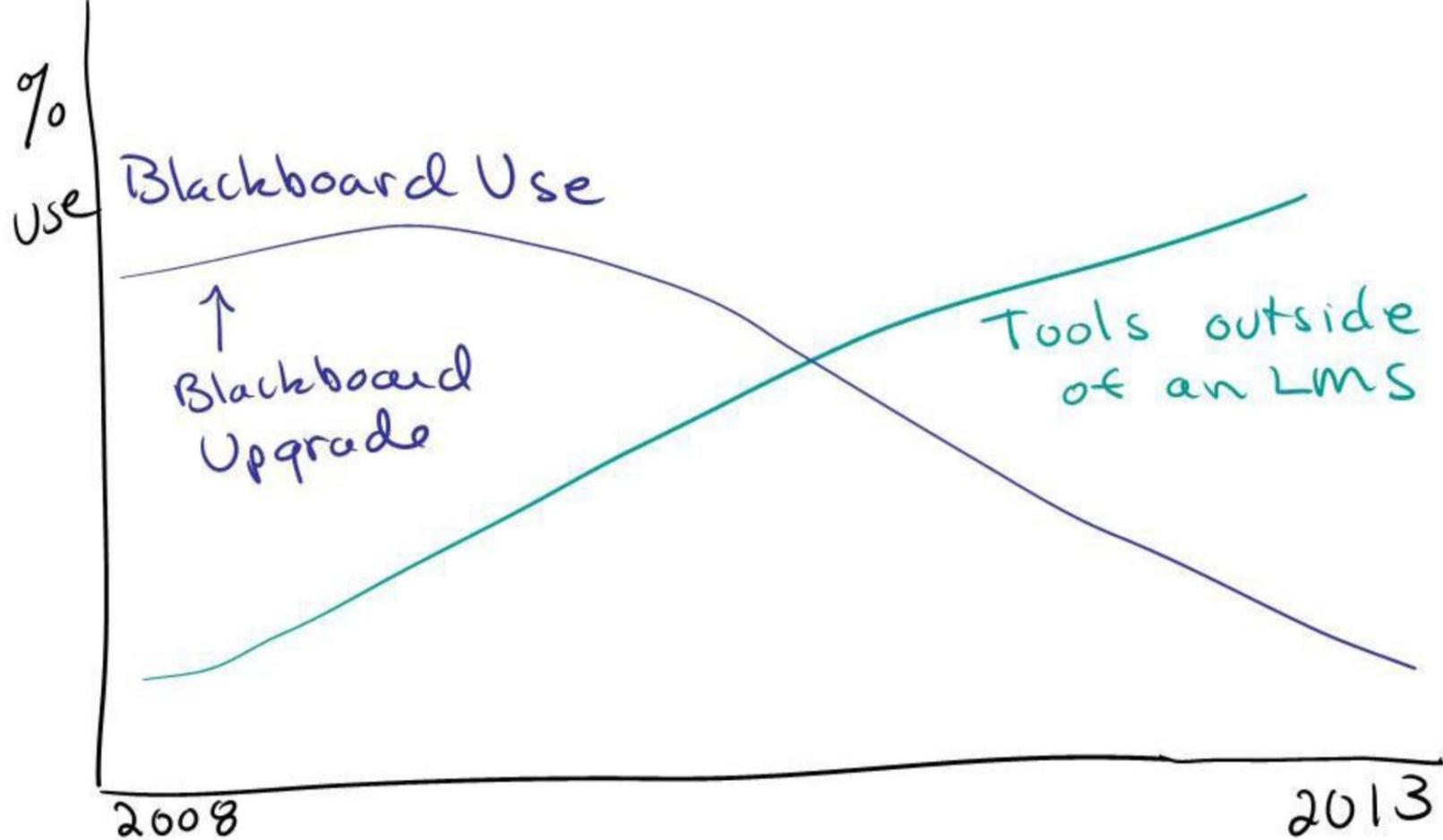
Personalization

Analytics, Advising, and  
Assessment

Collaboration

Accessibility and Universal Design

**EDUCAUSE**  
**NGDLE**  
**Functional Pillars**



LMS Futures Report - [bit.ly/lmsfutures](http://bit.ly/lmsfutures)

# Cloud Vs On-Prem Paradigm

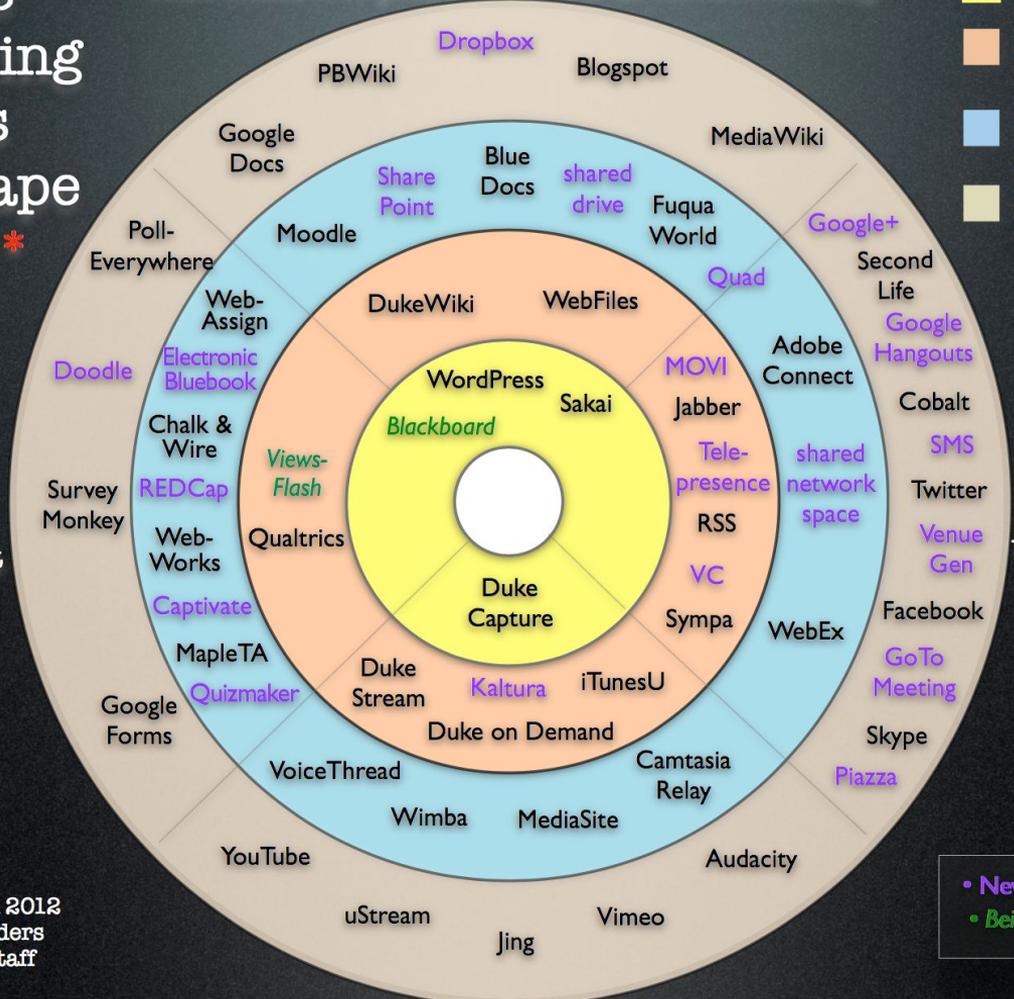
## Duke eLearning tools landscape 2012\*

Quizzes, surveys & assessment

\*Primarily from 2012 technology leaders and support staff survey

Class sites, Web presentation & document sharing

Digital media recording & sharing



- Core enterprise tools  
Duke supported/hosted
- Other enterprise tools  
Duke supported/hosted
- 3rd party tools,  
externally hosted and/  
or localized adoption
- Cloud or 3rd party tools  
independent of Duke

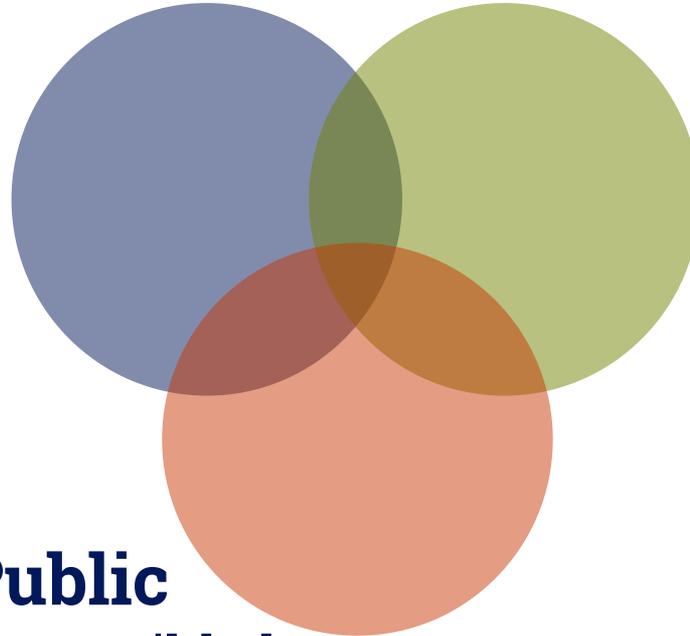
Communication collaboration & virtual presence

- New since 2009 survey
- Being phased out

# Audience/Access Paradigm

## Restricted

Require Duke NetID or sponsored guest authentication



## Open

Accessible by anyone, requires authentication. OpenID, oAuth, and obfuscation apply here.

## Public

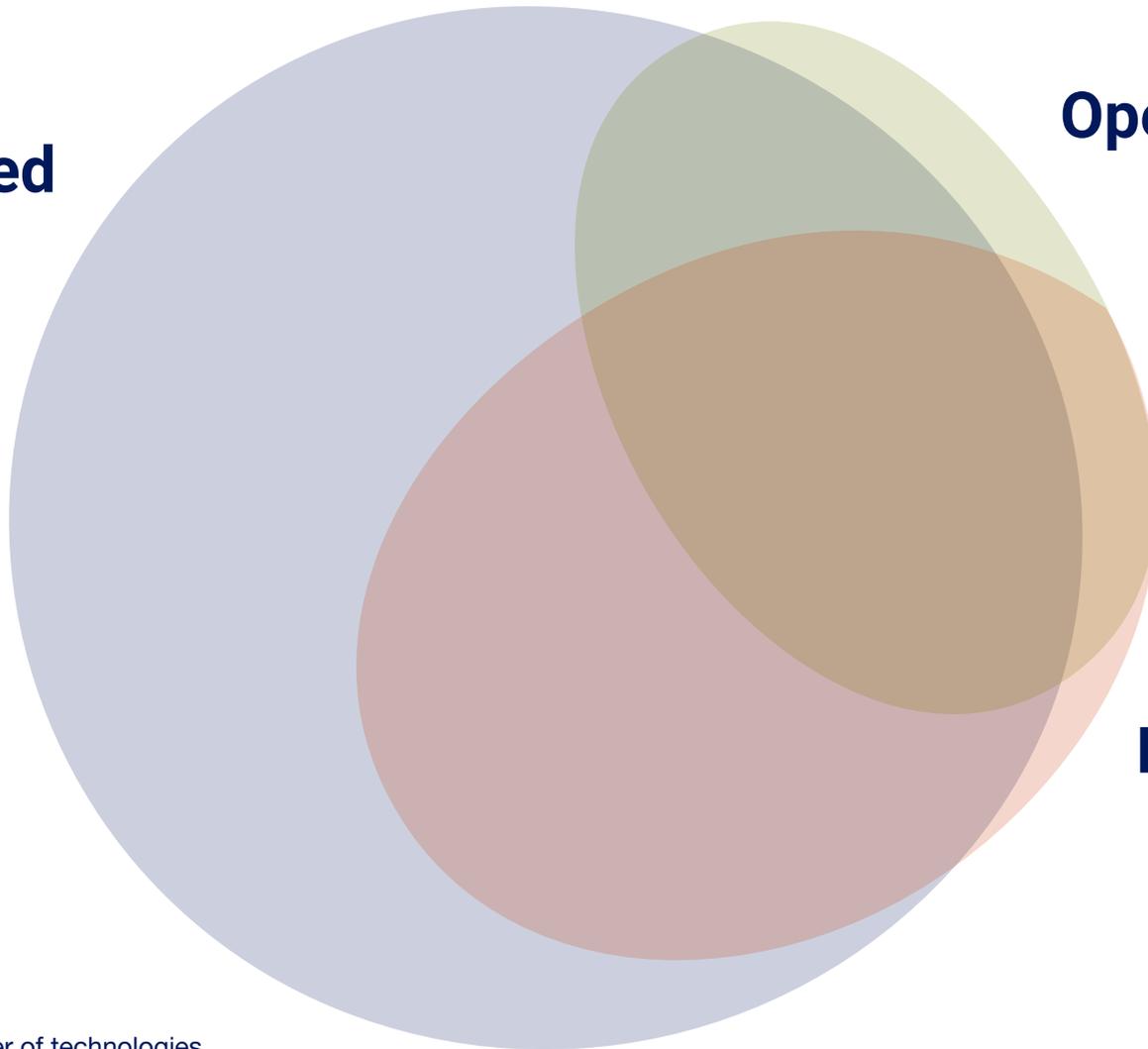
Accessible by anyone, no authentication

**What would this diagram look like if all the tech services that support learning at your uni were added?**

**Restricted**

**Open**

**Public**



# Restricted

# Open



Ecosystem Elements by Access

Access spheres plotted by number of technologies

Categorized by color: Assessment, Authoring, Communication, Computing, Learning/Content Management, Media, Portal, Storage

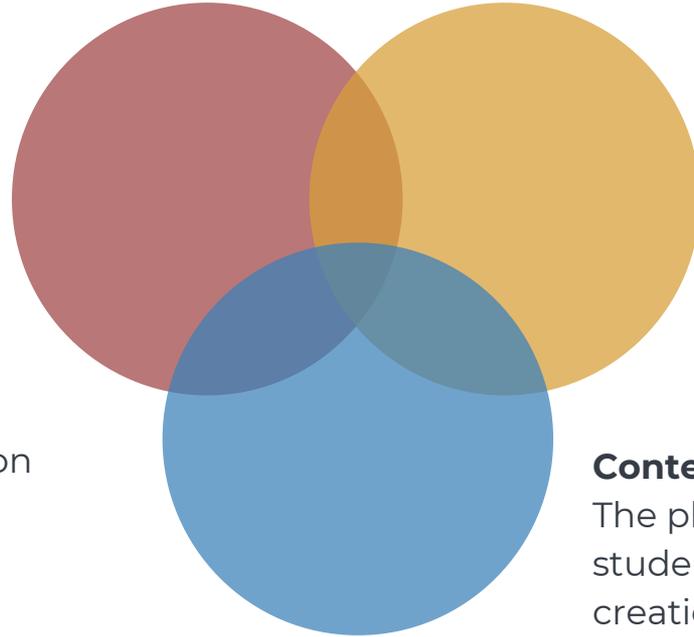
# Georgia Inst of Tech

## NGDLE Paradigm

[bit.ly/2OIGJYQ](https://bit.ly/2OIGJYQ)

### **Engagement Management**

The platform allows for student-faculty and student-student interaction through messaging, discussion boards, chats and web conferencing.



### **Learning Management**

The platform enables the management of rosters, grades, attendance, outcomes reporting and analytics.

### **Content and Activity Management**

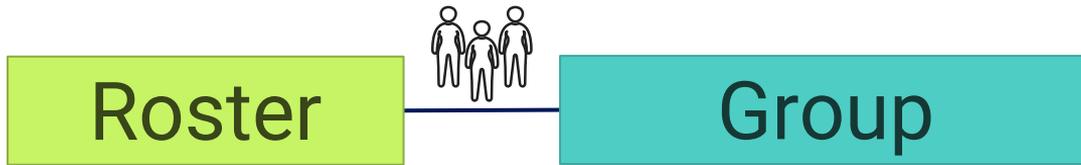
The platform allows for student-content interaction through creation and delivery of content pages, lessons, multimedia assets such as videos, and assignments and exams.

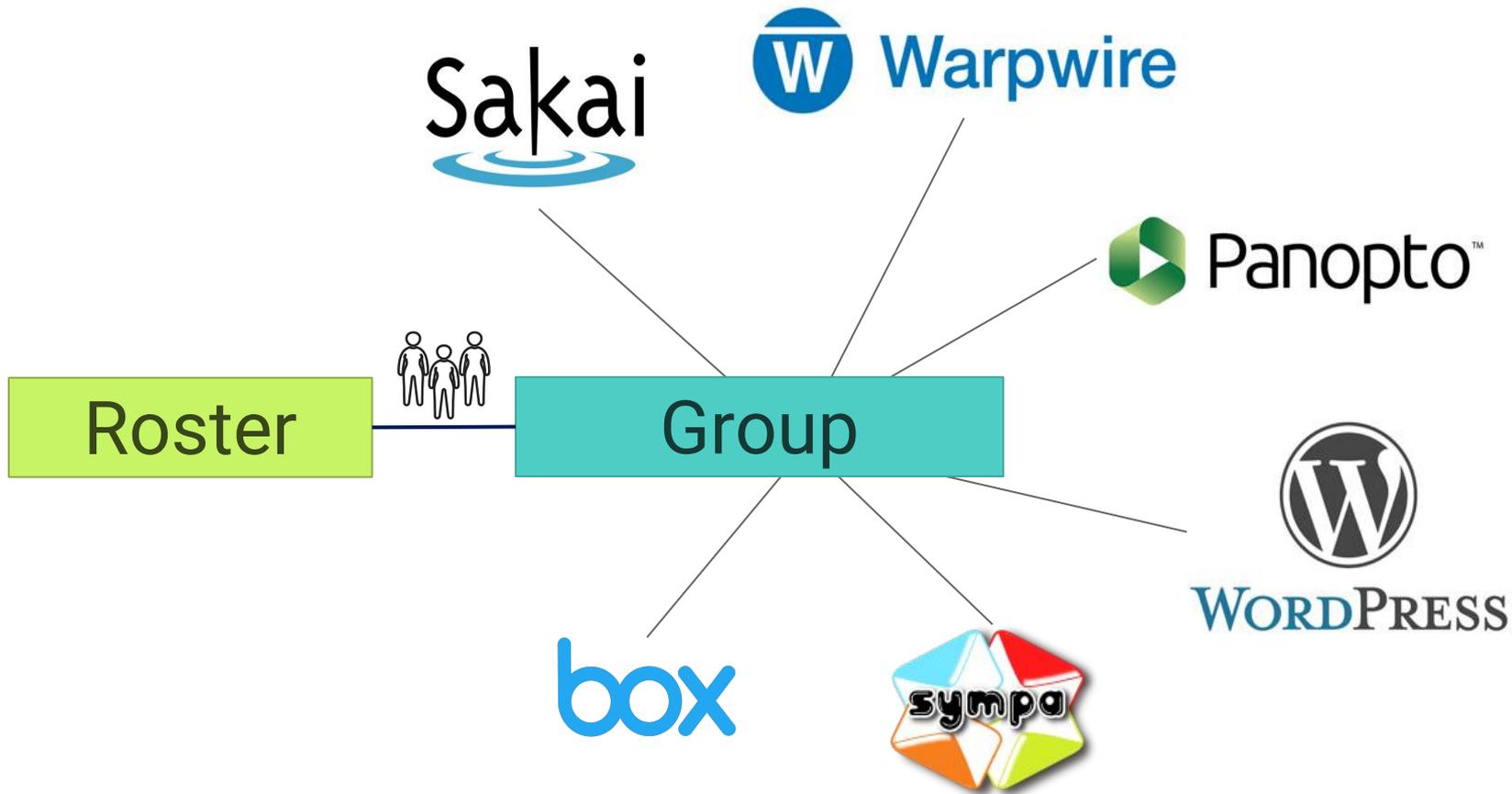
**Q&A**

@profmikegreene

**NGDLE in practice**

# Roster





**Work in  
Progress**

## 2018 FALL

**BA 912 - 01 F18** 

Dp And Opt Ctrl (Lecture)

 sakai
  Warpwire
  sites



ADD APP

**BA 921 - 01 F18** 

Org Sem: A Micro Focus

 Sakai
  email



ADD APP

**BA 932 - 01 F18** 

Accounting Seminar:  
Analytical

 Sakai



ADD APP

**CEE 301L - 001 F18** 

Fluid Mechanics (Lecture)

 Duke University
  Email list
  Course Wiki

 Videos
  Box
  Piazza



ADD APP

**CROSSLISTED COURSE** 

**F18**  
Behavior Decision Theory

**CROSSLISTED COURSE** 

**F18**  
Intro To Digital Photography

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ASEP 301B - 16: Research In Asep (Lec... ▾



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## Featured Apps



**CUSTOM LINK**

**CUSTOM LINK**

Share any website

*Assessment, Authoring, Communication, Computing, LMS, Media, Storage*

[Custom Link details](#)

⊕ ADD APP TO KIT



**SAKAI**

Learning Management System available for Duke courses

*LMS, Assessment, Authoring, Communication*

[Sakai details](#)

✓ APP ADDED TO KIT

## All Apps



**CIFS**  
(Common Internet File System)



**CUSTOM LINK**

Add apps to

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APP ADDED TO KIT

## All Apps



CIFS  
(Common Internet File System)



CUSTOM LINK

[← BACK](#)

ASEP 301B - 16: Research In Asep (Lecture)

## Custom Link

Kits Display Name\*

Slack

Limited to 18 characters

URL\*

https://mycourse.slack.com

Icon



Who can view in kits?

- Just me
- Instructors + Assistants Only
- Everyone in community (kit)

SAVE & ADD TO KIT

CANCEL

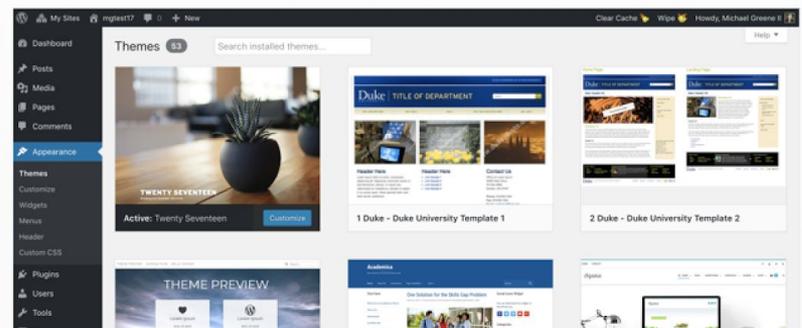
← BACK TO APP STORE



## Description

Sites@Duke is Duke's WordPress service, it provides an easy way for Duke faculty, staff and students to set up a website or blog using predefined design templates (themes) and plugins that users can choose to enable within their sites as they see fit. Sites@Duke offers a robust set of easy-to-use tools, including Duke-related themes and a Duke URL. The service also...[more](#)

- Price:** Free
- Support:** [OIT and Learning Innovation](#)
- Accessibility:** [WCAG 2.0 AA](#)
- License:** [GPLv2](#)
- Availability:** Duke Community





## Understanding user roles

Adding this app to your course will create a site with user privileges according to the table below. Roles can be updated in Sites@Duke once this app has been added to the course community.

Permission <i>Sites@Duke user role:</i>	Instructor <i>Administrator</i>	Assistant <i>Editor</i>	Student <i>Author</i>	Visitor <i>Subscriber</i>
Edit site appearance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manage users and privacy settings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create, edit and publish pages	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create posts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Edit posts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Publish posts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Access a private site and write comments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Why use Sites@Duke?

Duke WordPress offers a robust set of easy-to-use tools, including Duke-related themes and a Duke URL. The service also

Create, edit and publish pages	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create posts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Edit posts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Publish posts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Access a private site and write comments	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Why use Sites@Duke?

Duke WordPress offers a robust set of easy-to-use tools, including Duke-related themes and a Duke URL. The service also provides user and group management through the Duke NetID authentication system.

### ^ Excellence & Design

Sites@Duke uses Wordpress, an Open Source blogging software hosting approximately 75 million blogs and websites. Sites@Duke has preselected a variety of user-friendly themes that enable quick setup and use of a course or project blog.

### ^ Accessibility & Ubiquity

### ^ Openness

### ^ Standards-driven

### ^ Scalable & Sustainable

### ^ Security, Privacy, & Analytics

### ^ Procurement & Licensing

← BACK TO MY KITS

CEE 301L - 001: Fluid Mechanics (Lecture)

## Roster

VIEW MODE

EDIT MODE

[export a CSV file](#)

CLEAR

◆ Name	◆ Email	◆ Role
Alister Kuehn	alister.kuehn@duke.edu	Student
Alyssa Rucker	alyssa.rucker@duke.edu	Student
Carly Seamon	carly.seamon@duke.edu	Student
Daniel Castro	daniel.castro@duke.edu	Student
FacultyFirstName FacultyLastName	citfactest@duke.edu	Assistant
Gabrielle Richichi	gabrielle.richichi@duke.edu	Student
Heather Valli	heather.valli@duke.edu	Instructor

← BACK TO MY KITS

CEE 301L - 001: Fluid Mechanics (Lecture)

## Roster

 VIEW MODE

 EDIT MODE

## Add New Members

Name	Email	Role	
Lauren Hir	Add email	Select Role ▾	ADD
<b>Lauren Hirsh - las39@duke.edu</b>			

[export a CSV file](#)

DONE

 Find a person

CLEAR

← BACK TO MY KITS

CEE 301L - 001: Fluid Mechanics (Lecture)

## Roster

VIEW MODE

EDIT MODE

## Add New Members

Name	Email	Role	
Lauren Hirsh	las39@duke.edu	Select Role ▾	ADD

If you have trouble adding someone, try adding them on [Toolkits 1.0](#)

- Visitor
- Assistant
- Instructor
- Student

[export a CSV file](#)

DONE

Find a person

CLEAR

← BACK TO MY KITS

The user has been added to this course

BA 925 - 01: Behavior Decision Theory (Lecture) P

### Roster

VIEW MODE

EDIT MODE

### Add New Members

Name	Email	Role	
<input type="text" value="Add name"/>	<input type="text" value="Add email"/>	<input type="text" value="Select Role"/>	<input type="button" value="ADD"/>

If you have trouble adding someone, try adding them on [Toolkits 1.0](#)

[export a CSV file](#)

Name	Email	Role	Remove
Lauren Hirsh	las39@duke.edu	Assistant	<input type="button" value="X"/>

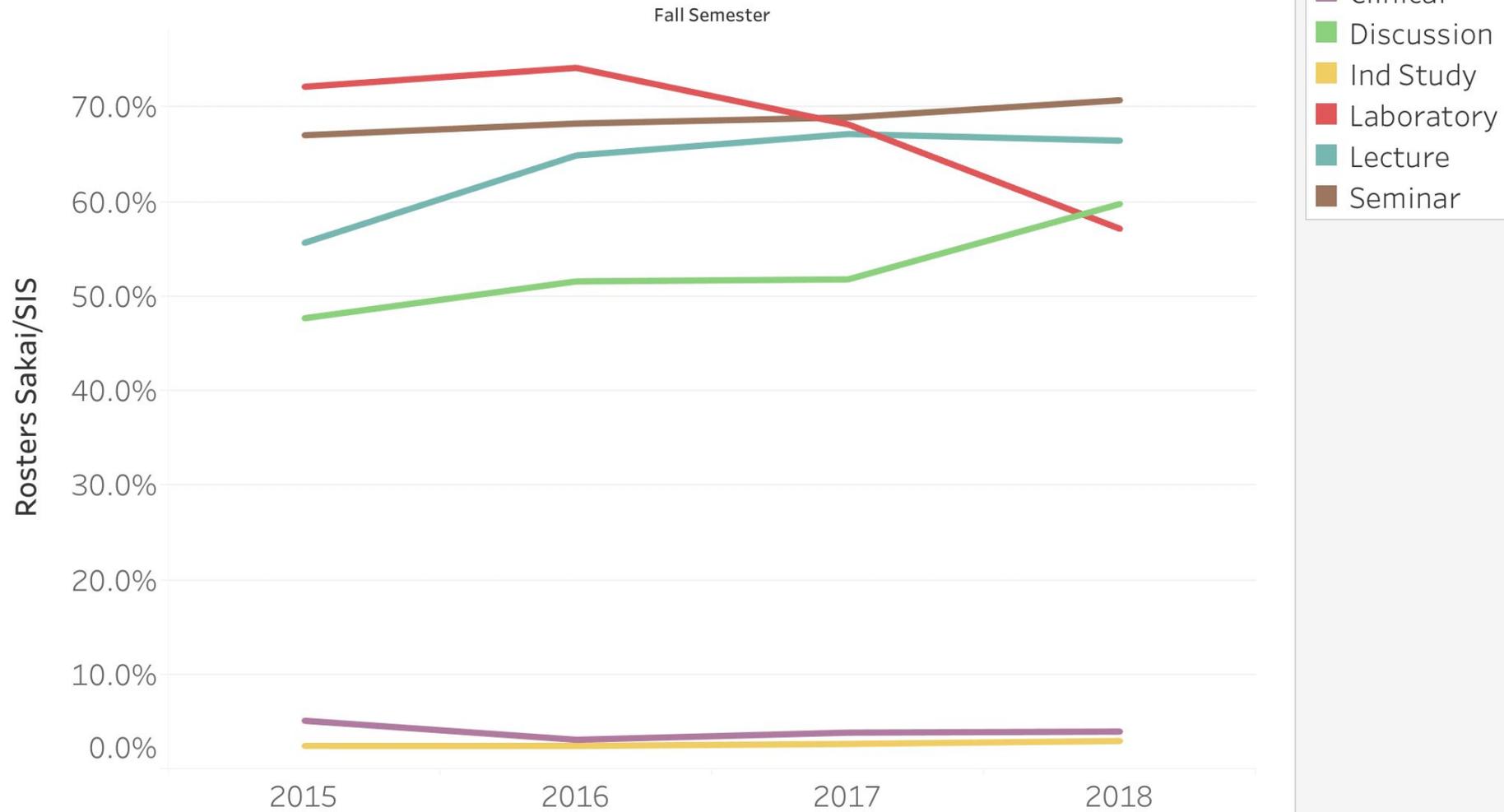
# **Duke's NGDLE Takeaways**



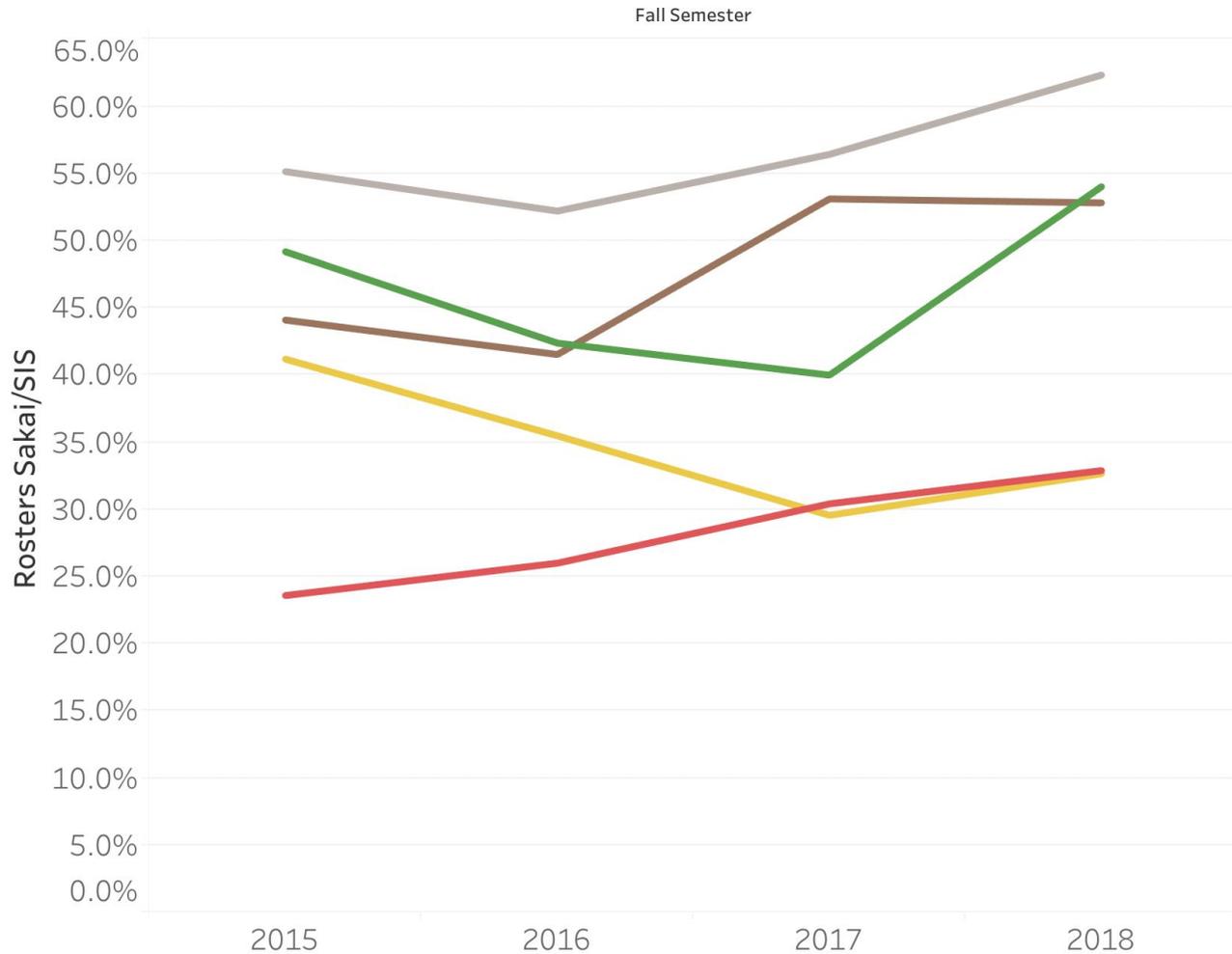
People over  
technology

Remember who you are

# Ratio of Rosters in Sakai / SIS



# % Sakai Discipline YoY



- sis\_discipline
- BIOLOGY
  - COMPSCI
  - ECON
  - PSY
  - PUBPOL



People over  
technology

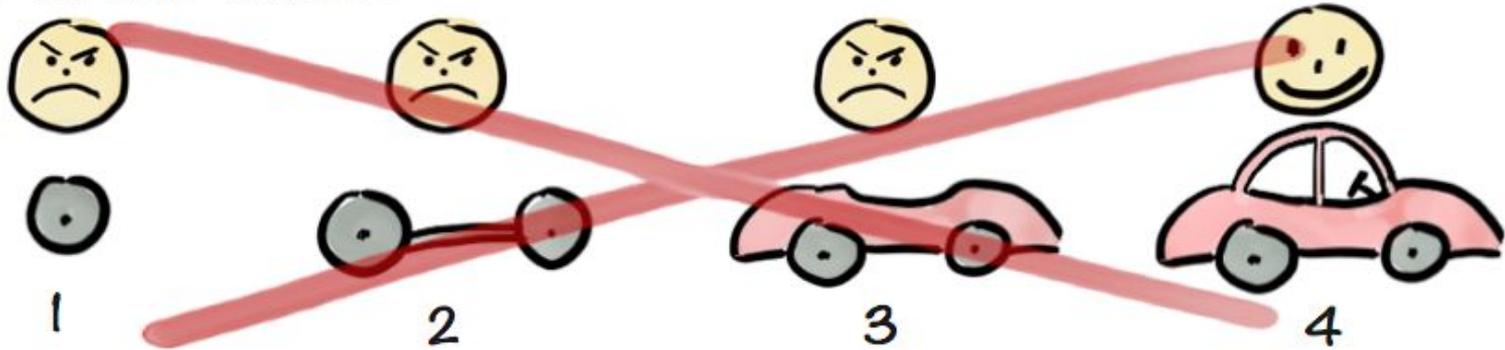
Remember who you are



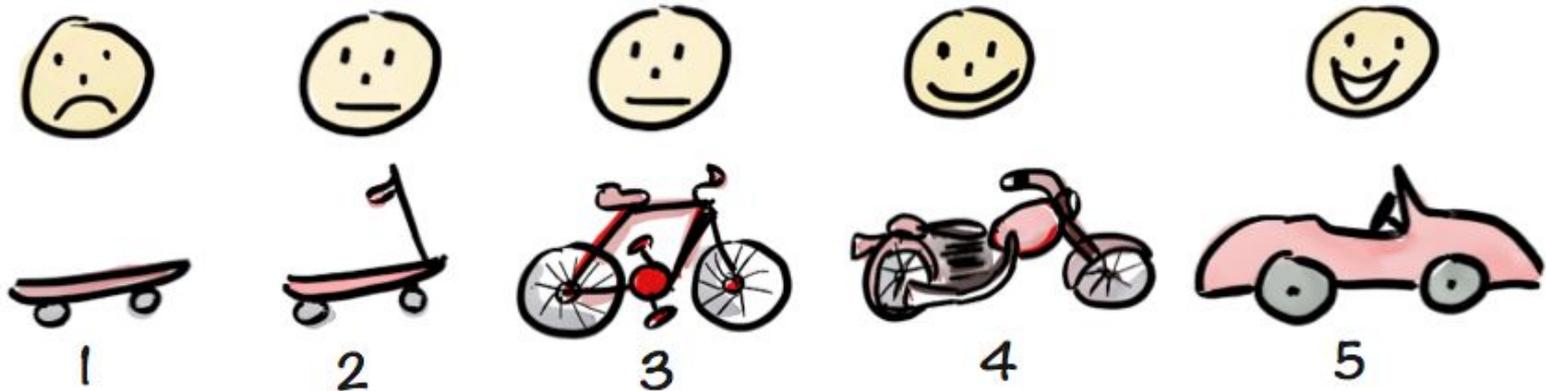
# Minimum Viable Product

It's a ~~problem free~~ MVP philosophy

Not like this....



Like this!





# Technology Tool Finder

What can we help you find?



Browse all tools





# Minimum Viable Product

It's a ~~problem free~~ MVP philosophy

# People over Technology

Still looking for lion king quote...



**Think - Group - Share**

**What characteristics define your university's culture with edtech?**

**What role does that culture normally play in your edtech decisions?**

**Q&A**

@profmikegreene

**learnwithkits.com**

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Remember to download and install the fonts used in this presentation (you'll find the links to the font files needed in the [Presentation design slide](#))

1.

# Transition headline

Let's start with  
the first set of  
slides



Quotations are commonly printed as a means of inspiration and to invoke philosophical thoughts from the reader.

# This is a slide title

---

- ▣ Here you have a list of items
- ▣ And some text
- ▣ But remember not to overload your slides with content

Your audience will listen to you or read the content, but won't do both.



# Big concept

Bring the attention of your audience over a key concept using icons or illustrations

# You can also split your content

---

## **White**

Is the color of milk and fresh snow, the color produced by the combination of all the colors of the visible spectrum.

## **Black**

Is the color of coal, ebony, and of outer space. It is the darkest color, the result of the absence of or complete absorption of light.

# In two or three columns

---

## **Yellow**

Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.

## **Blue**

Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

## **Red**

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.

# A picture is worth a thousand words

---

A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.



# Use charts to explain your ideas

---

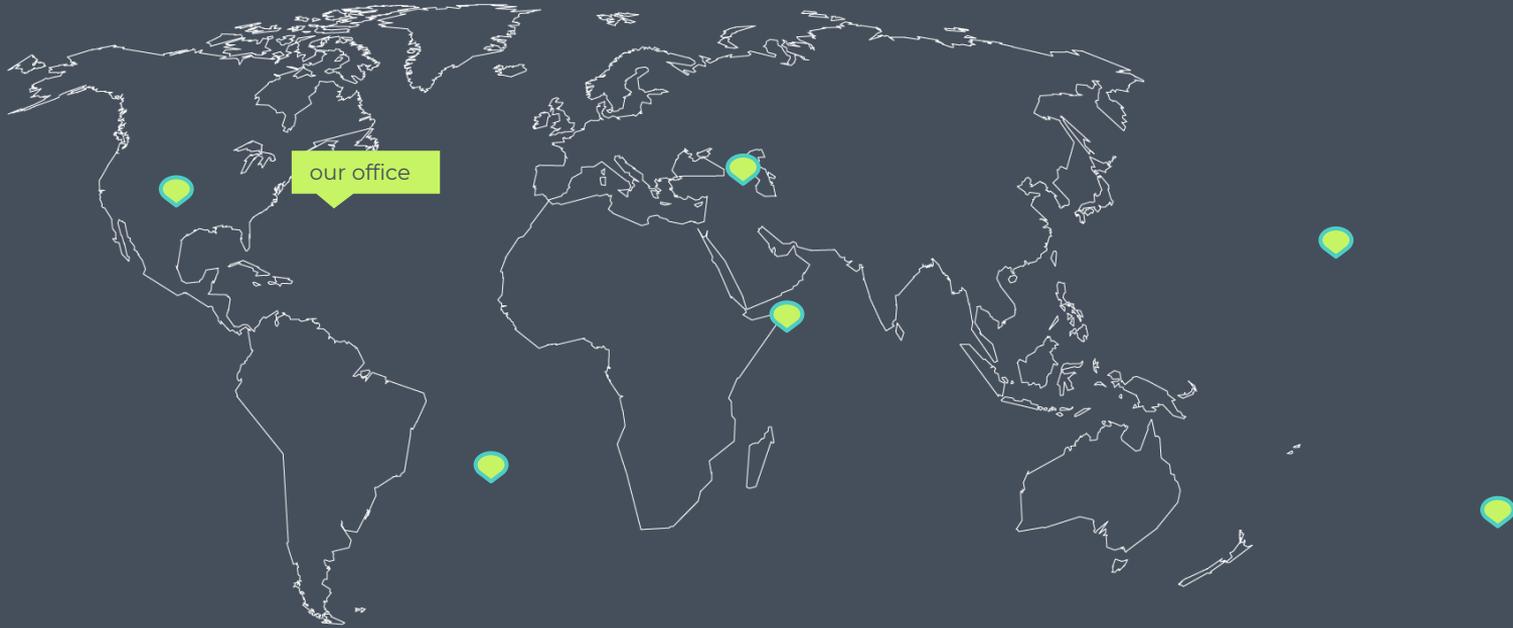
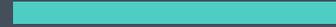


# And tables to compare data

---

	A	B	C
Yellow	<b>10</b>	<b>20</b>	<b>7</b>
Blue	<b>30</b>	<b>15</b>	<b>10</b>
Orange	<b>5</b>	<b>24</b>	<b>16</b>

# Maps





89,526,124

Whoa! That's a big number,  
aren't you proud?

# 89,526,124\$

That's a lot of money

# 185,244 users

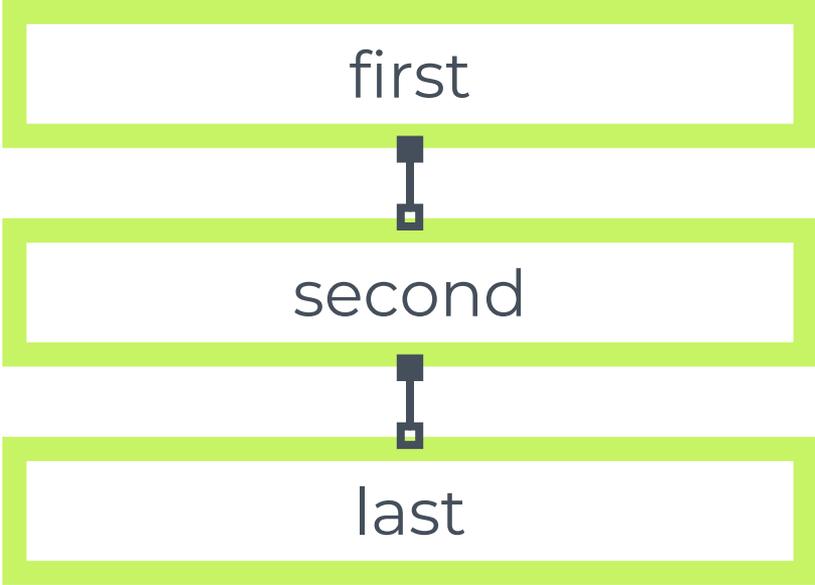
And a lot of users

# 100%

Total success!

# Our process is easy

---



# Let's review some concepts

---



## Yellow

Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.



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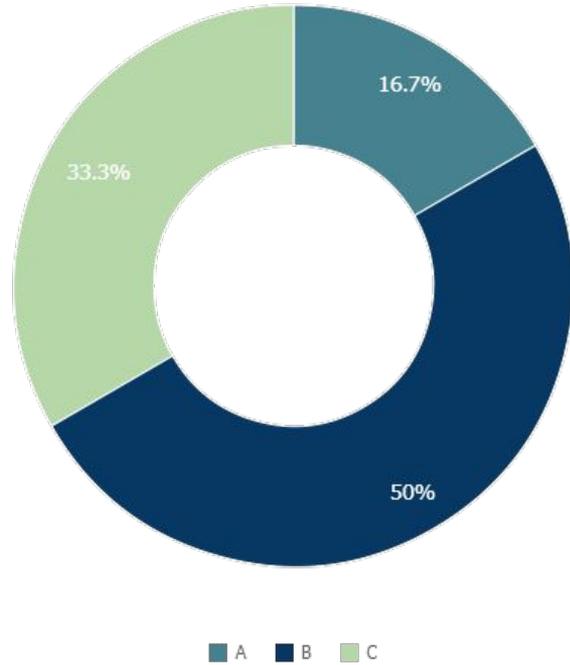
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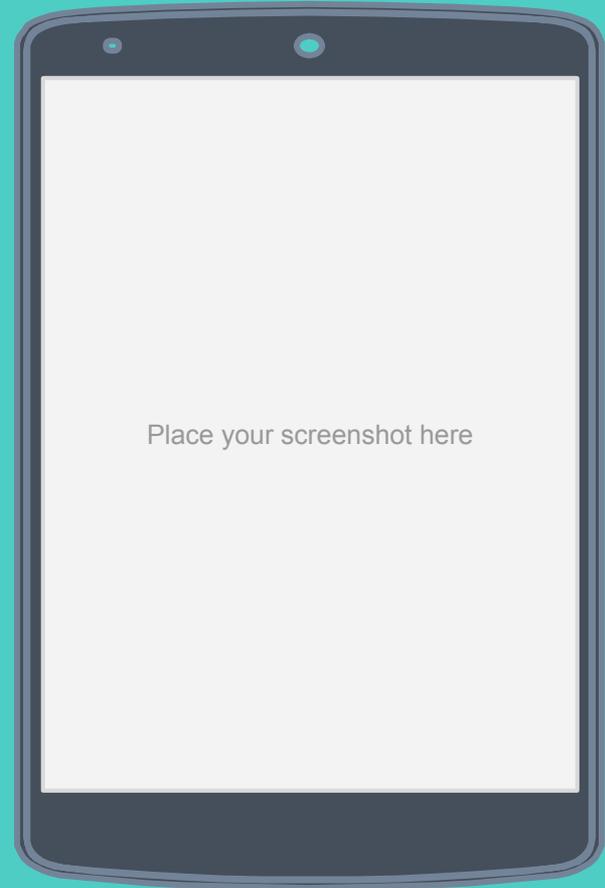


You can copy&paste graphs from [Google Sheets](#)



# Android project

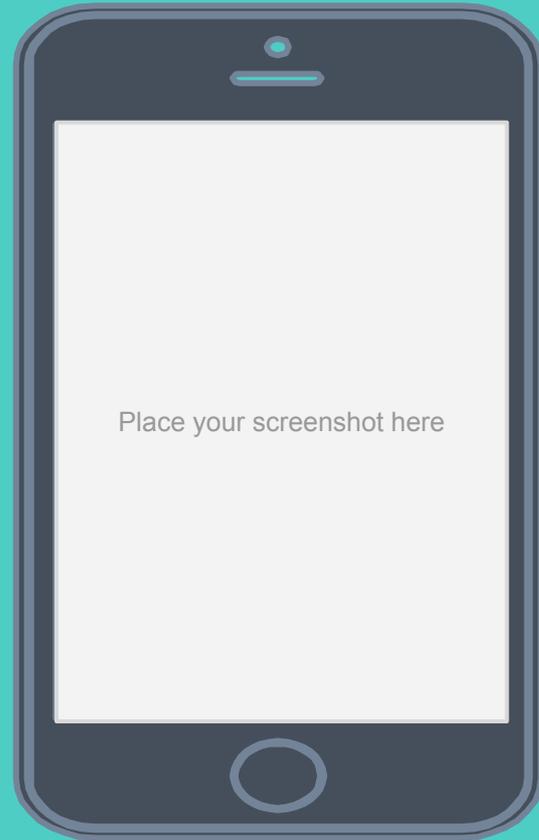
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# iPhone project

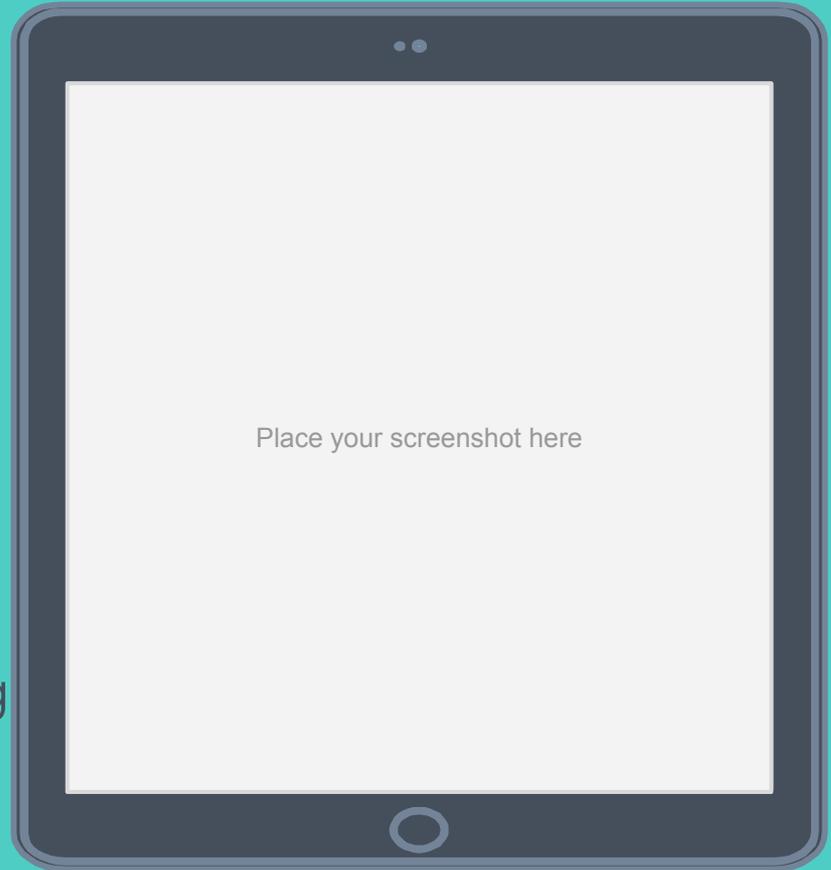
Show and explain your web, app or software projects using these gadget templates.

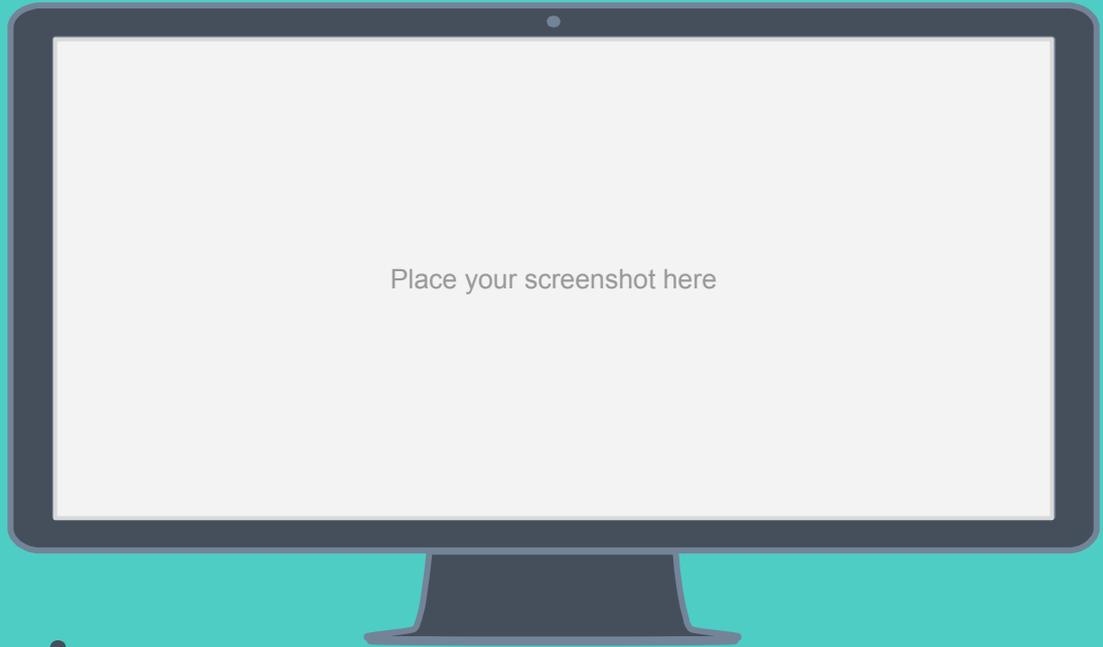




## Tablet project

Show and explain your web, app or software projects using these gadget templates.





## Desktop project

Show and explain your web, app or software projects using these gadget templates.

# Thanks!

## Any questions?

You can find me at  
@username  
user@mail.me

# Credits

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- Light grey **#738498**
- Neon green **#c7f464**
- Aqua **#4ecdc4**

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## Now you can use any emoji as an icon!

And of course it resizes without losing quality and you can change the color.

How? Follow Google instructions

<https://twitter.com/google/docs/status/730087240156643328>

