MICHIGAN STATE UNIVERSITY **Beta Presentation Digital Playbill Builder The Capstone Experience**

Team Ludus

Yufan Ai Joe Davis Swetha Jagannathan Alayna Johnson **Courtney Thang**

Department of Computer Science and Engineering **Michigan State University**

Spring 2024



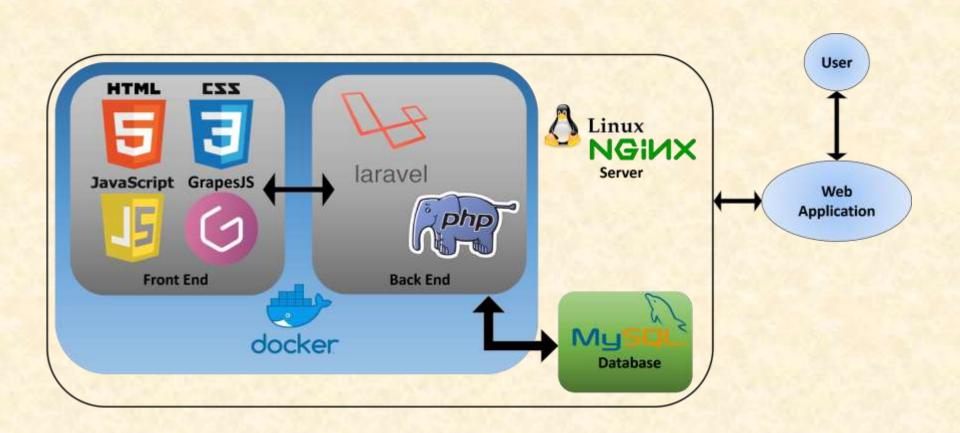
From Students... ...to Professionals

Project Overview

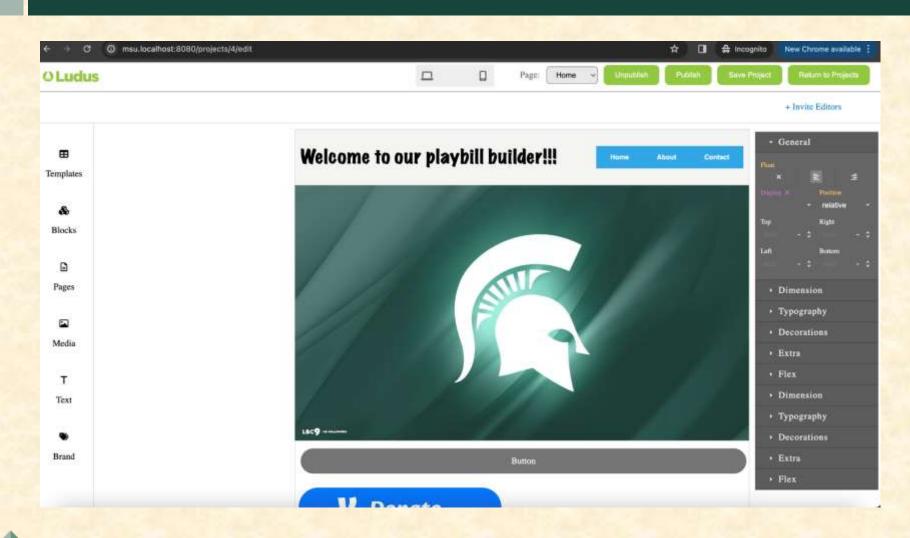
- The Digital Playbill Builder provides an all-inone tool to build and distribute playbills digitally.
- Organizations are transitioning to a more digital space with their ticketing, marketing and fundraising
- Building playbills digitally reduces the cost of developing and printing paper playbills



System Architecture

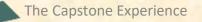


Playbill Builder Page



Publishing Playbill

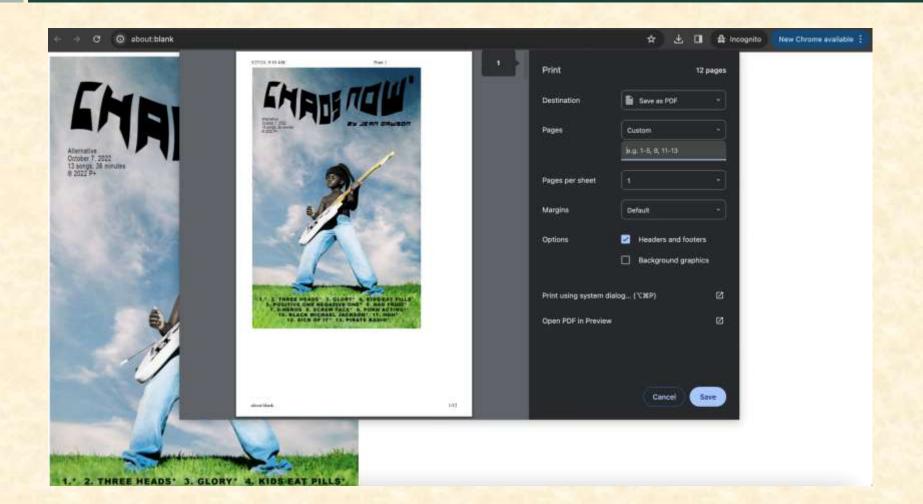
Share Playbill	×	
Congratulations! Your Playbill is p with your audience using the link	ublished. Share or QR Code.	
http://msu.localhost:8080/projects/1	PCopy Link	
Share		
Download		

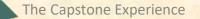


Grid View of Paper Playbill Builder

< -> c @	msu.localhost:8080/projects/5/edit				*		# incognite	New Chrome available
0 Ludus				Page: Pag	68 - B	Print	Save Project	Return to Projects
								+ Invite Editors
100	Page 1 - Page 2		Page 3 - Page 4		Page 5 - Page	: 6		
Templates	EMANS / OW	1	PEOPLE	4			1	100
	Se in an inst	1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -	STUCK	$ \land $				
&	2	5.4 A	PAST			a,	12	
Blocks	19/100	T.a	D LI ID			160	1	
۵		1974		ALLING .		1	Sec. 1	100
D Pages	The Columbus and Street Law			Profiles		1	1.	150
Pages				Par 13		1	200	
Pages	Page 7 - Page 8			Fairs		1	201	
Pages		Song: Rip Harambe		Fill B			1.1	
Pages	Page 7 - Page 8	Song: Rip Harambe Composed by: Elon Musk		Feel B			in the	
Pages	Page 7 - Page 8	Composed by: Elon		Feel B				
Pages Media T		Composed by: Elon		File B				

Printing Paper Playbill





Backend Template Builder

€ → σ	O ludus.localhost.8080/templates/1/edit					* (9 D I D 6	New Chrome available
0 Ludu	5		Page:	Untitled 🤟	Unpublish	Publish	Save Template	Return to Templates
E Templates	Select a Template	iis is a new template m creating a new template.		d builde	er.		rto Die	X E 4
& Blocks	This is a new template backend builder.						toi Top	px I px
۵	I am creating a new template.							рх 🗧 рх
Pages								Dimension
								Typography
Media								 Decorations Extra
								Flex
T Text								Dimension
iea								Typography
٠							8	Decorations
Brand								Extra
								Flex

What's left to do?

- Other Tasks
 - Quality assurance testing
 - Bug fixes
 - UI changes



Questions?

