

#### DRUPAL ADMIN UI MODERNIZATION

Cristina Chumillas - Ymbra







# DRUPAL ADMINUI MODERNIZATION

#### CRISTINA CHUMILLAS

DESIGNER & DRUPAL FRONTEND

- © @chumillas
- © ckrina



#### INDEX

**Initiative overview** 

**Design System** 

User studies

Wireframes

**UI** design

"New Seven"

# INITIATIVE OVERVIEW



## 1 TODAY'S SESSION DESIGN SYSTEM

Create a new "design system" for Drupal's editing and administrative interface, and implement this in incrementally.

## 02 REACT APP

Create a decoupled, single-page React application that manages Drupal administration

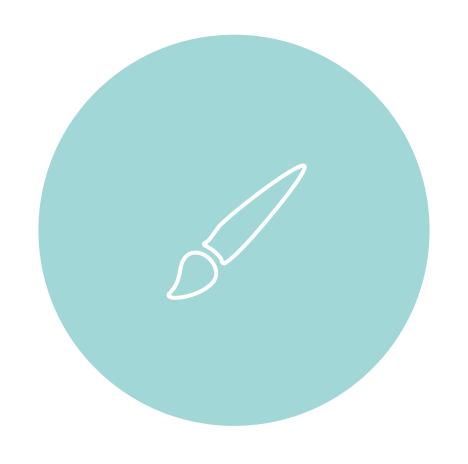
#### 03 JS MODERIZATION

Modernize the underlying
JavaScript code and enhance **Drupal's APIs** to better support
all types of decoupled
applications.

# DESIGN SYSTEM MORKAREAS



UX Research and User studies



New design



Seven refresh

#### TIMELINE

JS MODERNIZATION INITIATIVE

#### DRUPALCON VIENNA

SEPTEMBER 2017

REACT CHOSEN FOR THE NEW ADMIN UI

FIRSTS BOF & SPRINTS ADMIN UI

#### FIRST ISSUE ON <u>DRUPAL.ORG</u> TO REFRESH THE ADMIN UI

AUGUST 2017



#### JS MODERNIZATION INITIATIVE

#### UX AND OTHER MEETINGS

Start Design System and define target as content authors

#### DRUPALCAMP RUHR

MARCH 2018 Join efforts with IA team

#### **SEVEN REFRESH D.O. ISSUE CREATED**MARCH 2018

ADMIN I

INFORMATION

DRUPAL.ORG

**ARCHITECTURE** 

ISSUE AND TESTS

#### **DRUPALCON NASHVILLE**

APRIL 2018

UX & User Tests plan starts

#### TWIN CITIES DRUPAL CAMP

JUNE 2018 First User tests

#### **DRUPAL DEV DAYS**

JULY 2018 Sprints

#### FRONTEND UNITED UTRECH

MAY 2018

ADMIN UI & JAVASCRIPT MODERNISATION INITIATIVE CREATION

#### **SURVEY LAUNCH**

AUGUST 2018

#### DRUPAL EUROPE

SEPTEMBER 2018

FIRST WIREFRAMES PRESENTED

SET 8.7 AS TARGET FOR SEVEN REFRESH

CHANGE WIREFRAMES DIRECTION

NOVEMBER 2018

DRUPAL.ORG ISSUE WITH SEVEN REFRESH COMPONENTS PROPOSAL

#### **CARD SORTING LAUNCH**

SEPTEMBER 2018

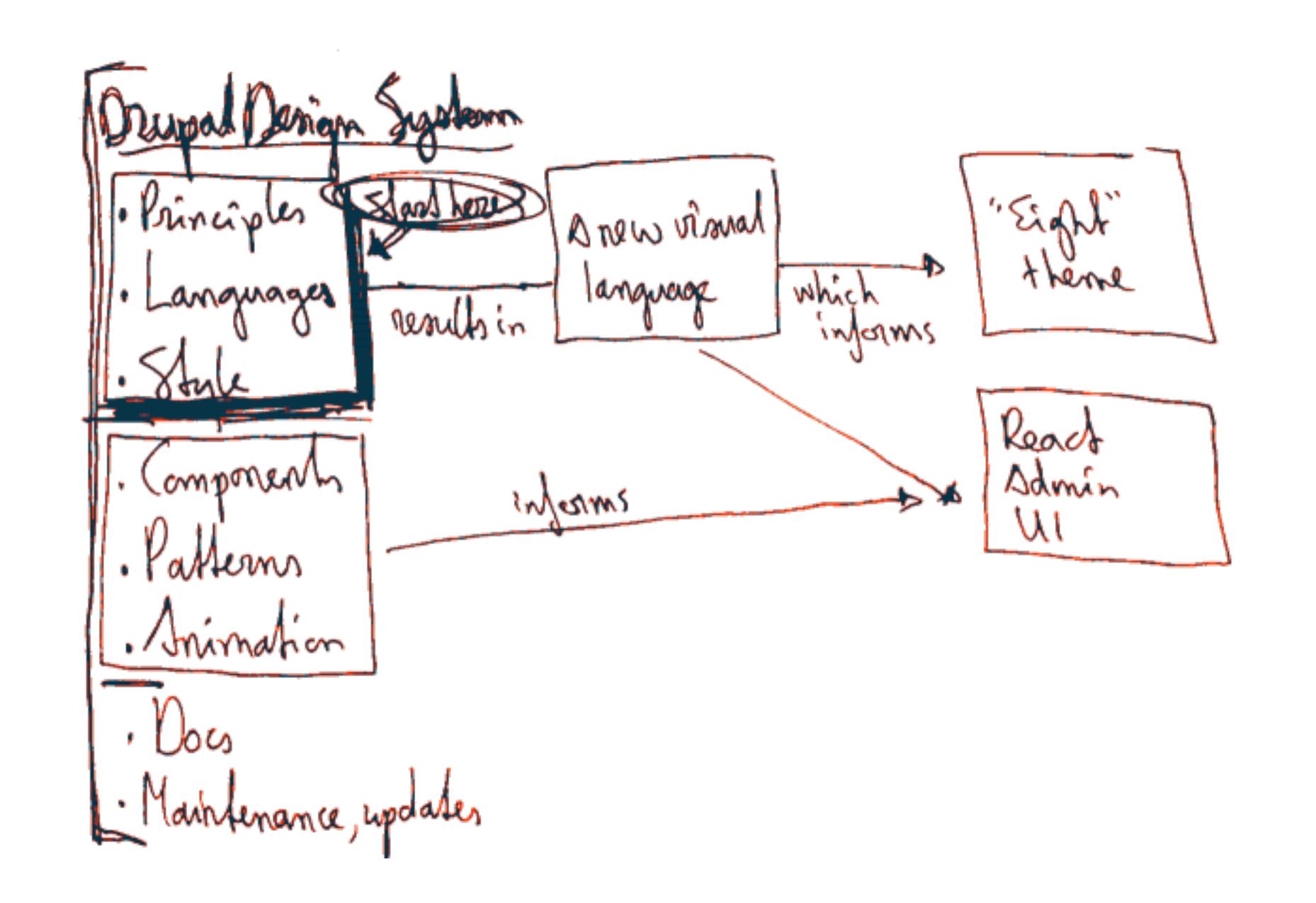
#### NEW SEVEN DEVELOPMENT STARTS

NOVEMBER 2018

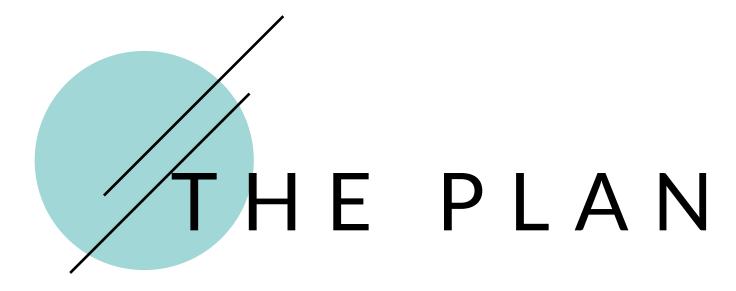
#### **COMPARATIVE STUDY STARTS**

NOVEMBER 2018









#### Participants will get:

- DrupalCon Seattle 2018 ticket thanks to the Drupal Association
- Free Drupal training by Evolving web

#### **Card Sorting** Survey August 2018 September 2018 Comparative Wireframes Study **Test** Round 1 delayed November 2018



#### WHAT'S REWARDING ABOUT DRUPAL?

It's flexible and customizable

Editors like that Drupal allows them to have control over their content.

# USER STUDIES SUBJECT S

#### WHAT'S CHALLENGING ABOUT USING DRUPAL?

Flexibility & customization cause **complexity**, specially Paragraphs.

Difficult to find documentation

Working with media

Finding what content to edit



#### WHAT CAN WE IMPROVE ABOUT THE CONTENT EDITORIAL EXPERIENCE?

A more modern UI (Gutenberg and SquareSpace mentioned)

Simplifying the complexity of the content editing UI

Better media management

Improvements to the WYSIWYG editor

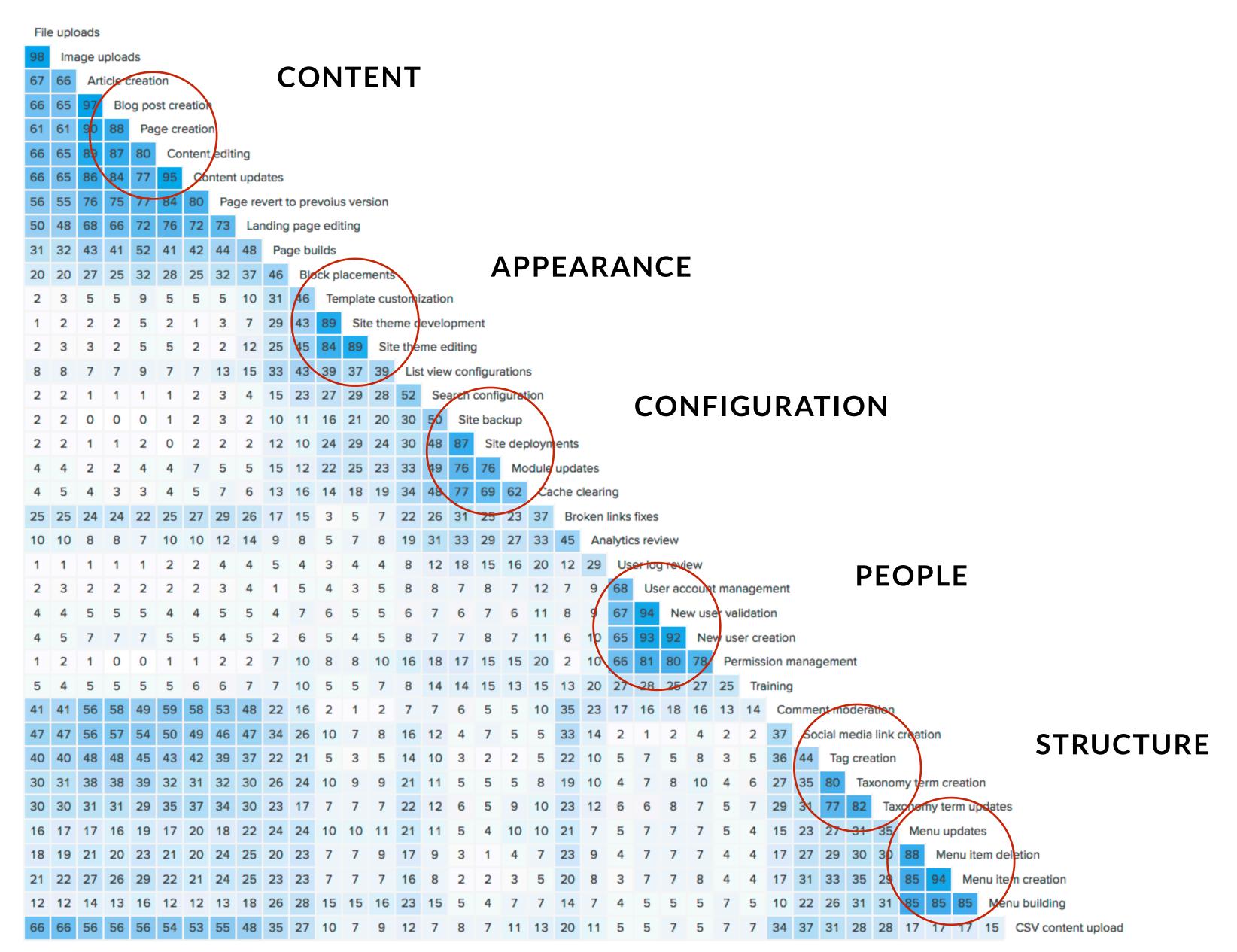
More role-based configuration for content editors

CARD
SORTING

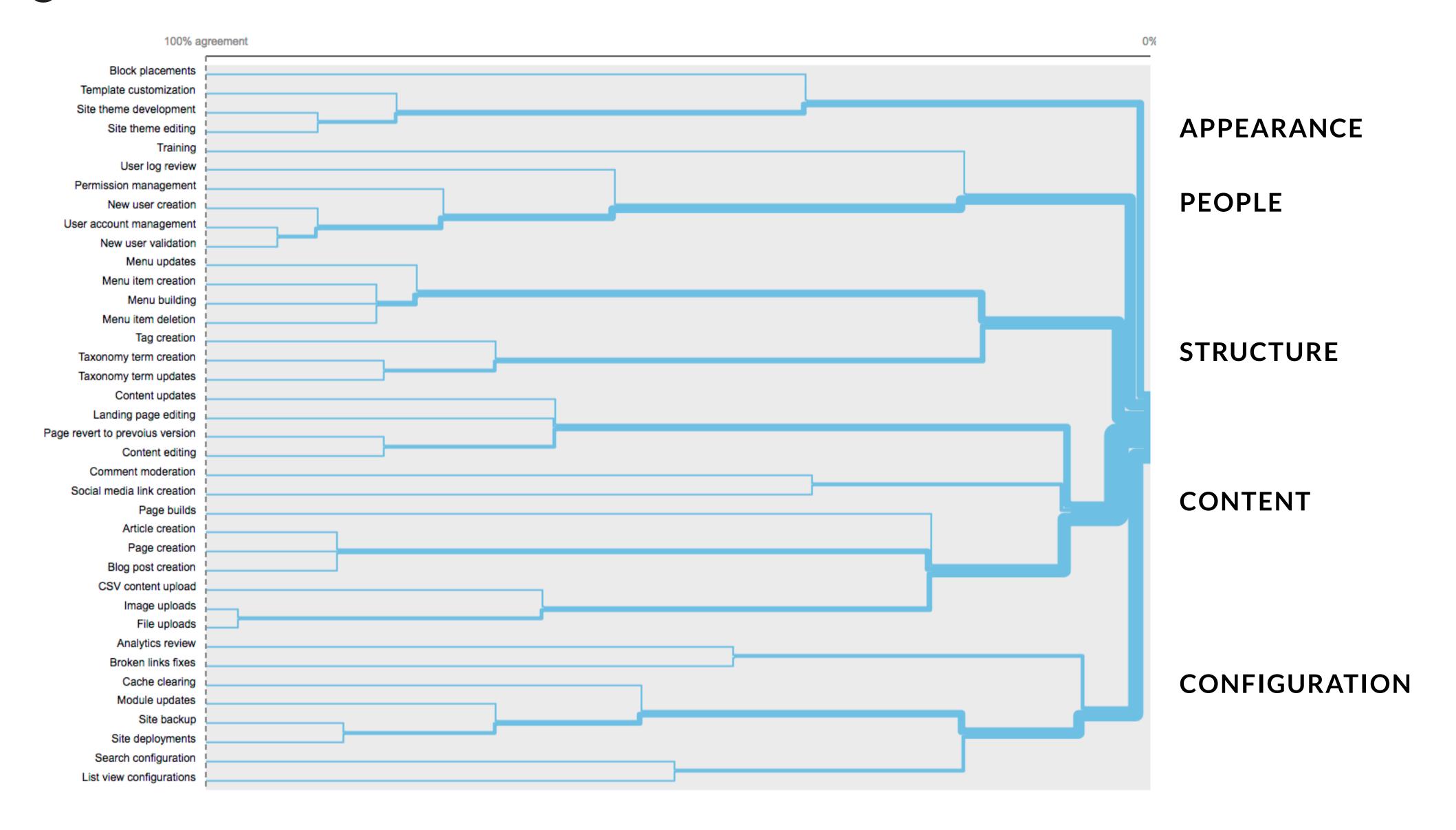
+150 people completed the Card Sorting

Goal: improve Information Architechture

#### **Similarity Matrix**



#### Dendogram



USER STUDIES

# GARD SORTING

Results similar to what we have now.

Participants described themselves as content authors, but most of them were also site builders with Experience with current Drupal IA.

**USER STUDIES** 

# COMPARATIVE STUDY

Wordpress with Gutenberg

Craft CMS

Contentful

SquareSpace

**USER STUDIES** 

# COMPARATIVE STUDY

Wordpress with Gutenberg

Craft CMS

Contentful

SquareSpace

#### **RESULTS SPOILERS**

Contentful	- Craft CMS	 SquareSpace	WordPress Gutenberg
Intimidating, not for editors	Interface prepared for editors	Interface seemed too simple to handle	Interface prepared for editors, complex features less prominent
Terminology too complex	Confusion with difference from adding elements into the body field or outside like paragraphs.	UI too simple with no clues	Confused Gutenberg editor by content preview

#### **TAKEAWAYS**

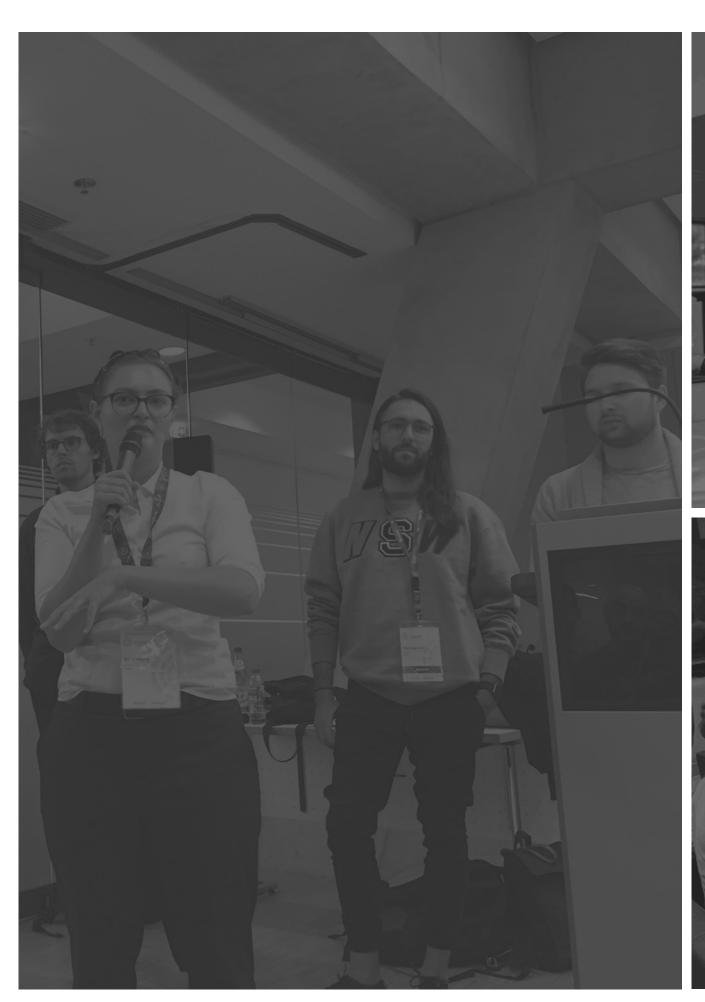
More complex UI is expected for more complex sites

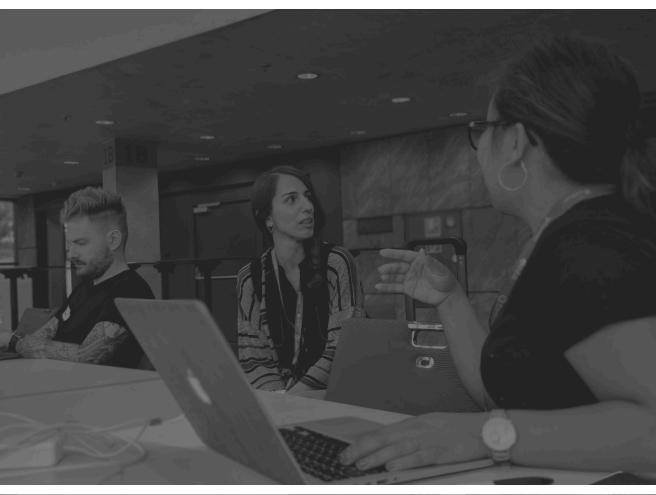
Content editor-friendly Dashboard and terminology smooth the learning process

Publishing anxiety. Editors fear consequences of clicking Save button. Autosave and clear workflow can help.

Editors want clear state of the content options for Preview, Save and Publish.









# DRUPAL EUROPE

WIREFRAMES PRESENTATION



#### STRUCTURED AND UNUSTRUCTURED CONTENT

LANDING PAGE + PARAGRAPHS VS PREDEFINED STRUCTURE

DECOUPLED WITH DIFFERENT FRONTENDS

SIMPLIFY INTERFACE GIVING SAME FLEXIBILITY

**DESKTOP FIRST** 

SAME BASE FOR SIMPLE & COMPLEX FORMS
ROLE-BASED VISIBLE OPTIONS / EXTENDABLE







Save

More actions ∨



+ Add

Edit Page title value

Undo

™ Redo

Layout

Visualization

Form mode

ズ<sub>A</sub> Translate

Another item

Page title value

Summary

Nulla vitae elit libero, a pharetra augue. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Nullam quis risus eget urna mollis ornare vel eu leo.

news x Asia x food x health x Q

Drag your image here or browse to select one.

Add files Browse library

Settings

FORM MODE OPTIONS

Form mode

Backend ~

Show descriptions

Show help

PUBLISHING OPTIONS

Published

Last saved

01.01.19

Author

admin

New revision

MENU Settings

Provide a menu link

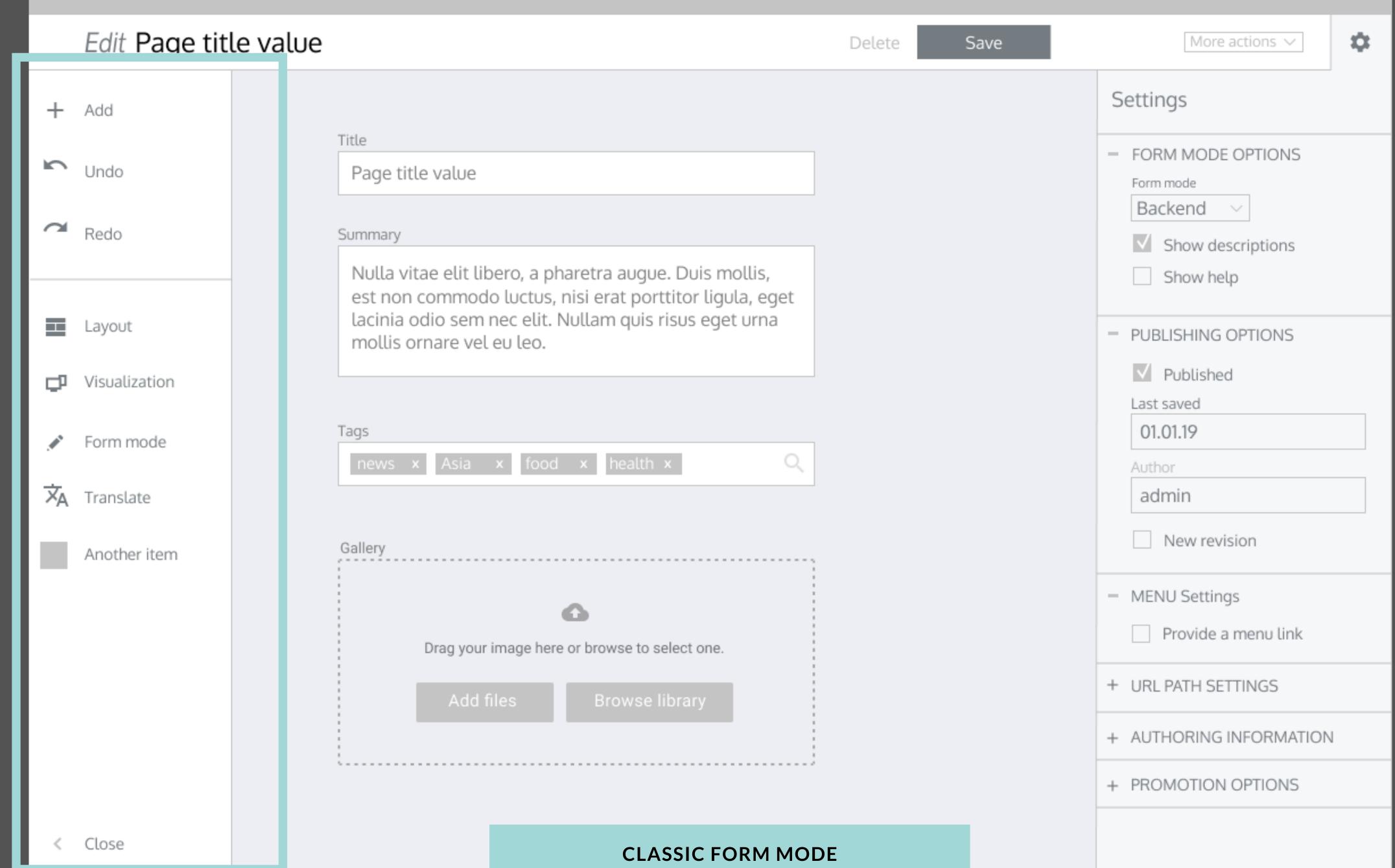
+ URL PATH SETTINGS

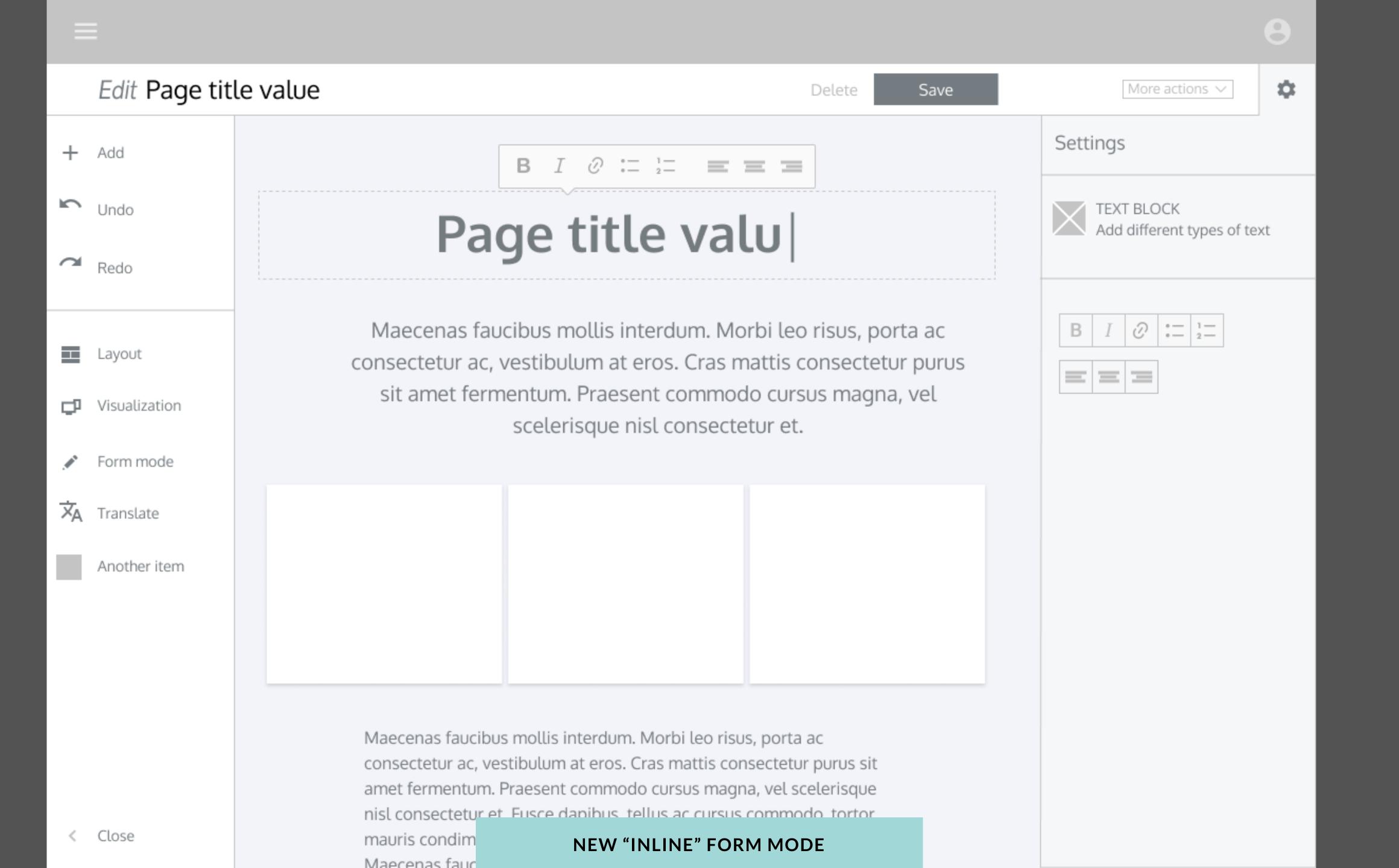
+ AUTHORING INFORMATION

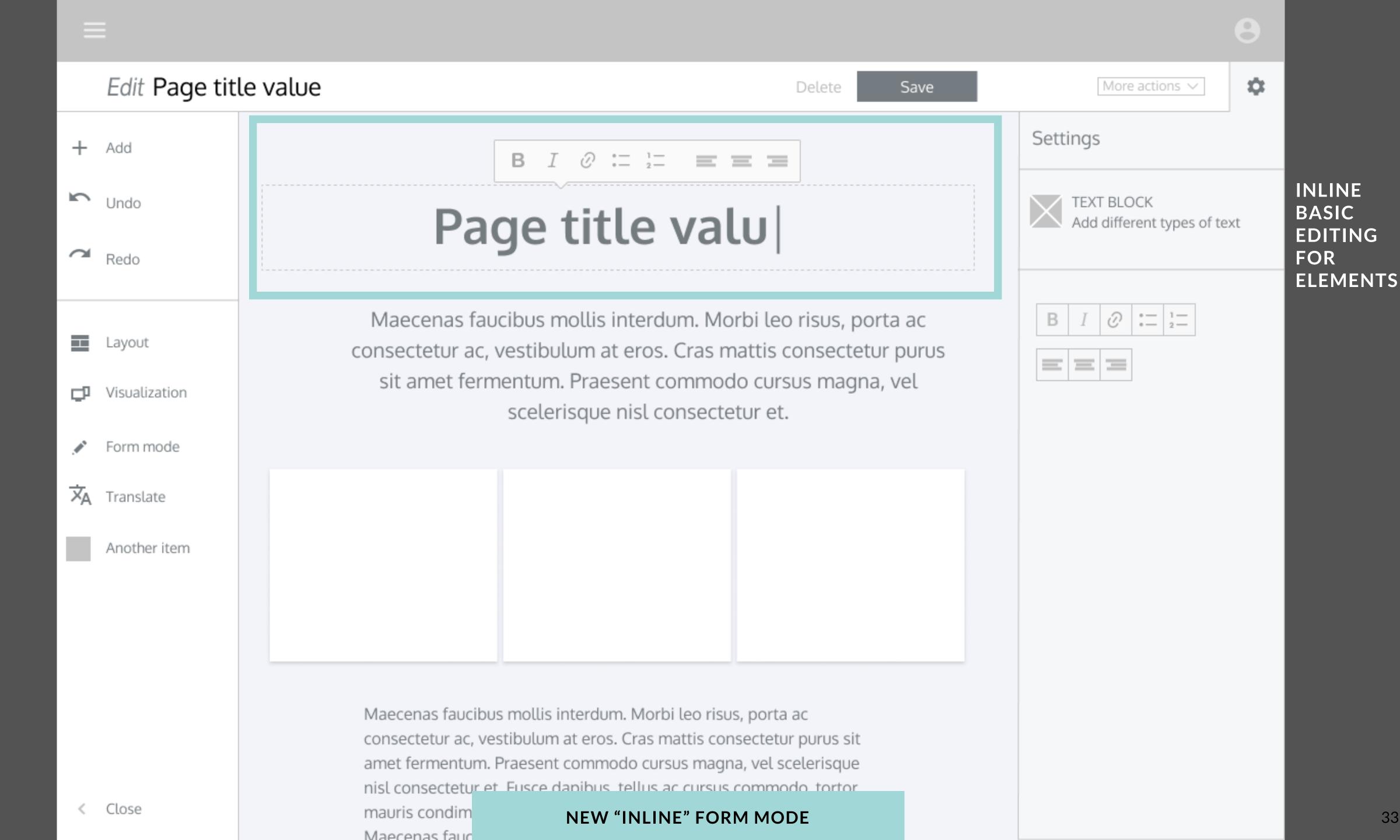
+ PROMOTION OPTIONS

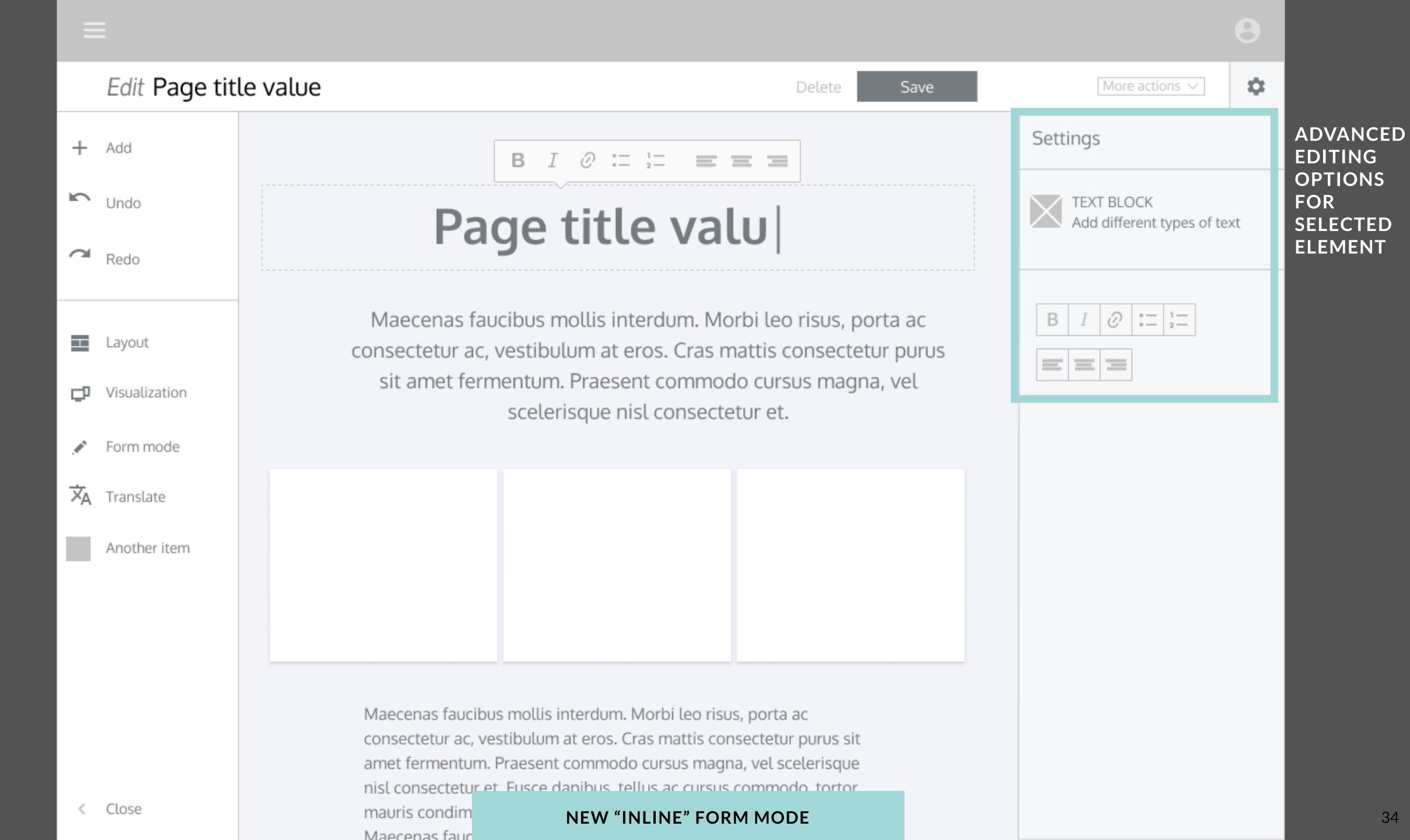


#### LEFT MENU FOR TOOLS







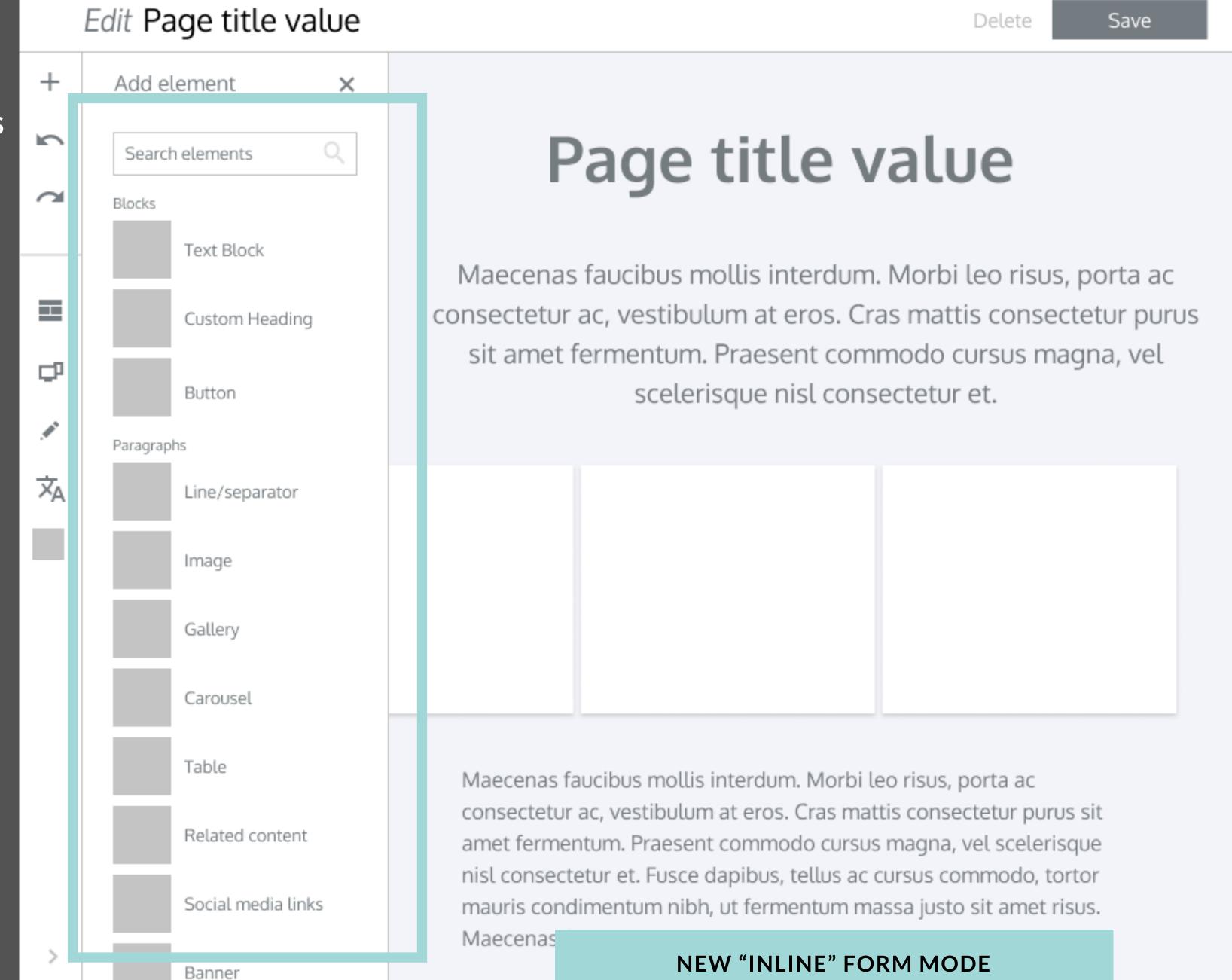




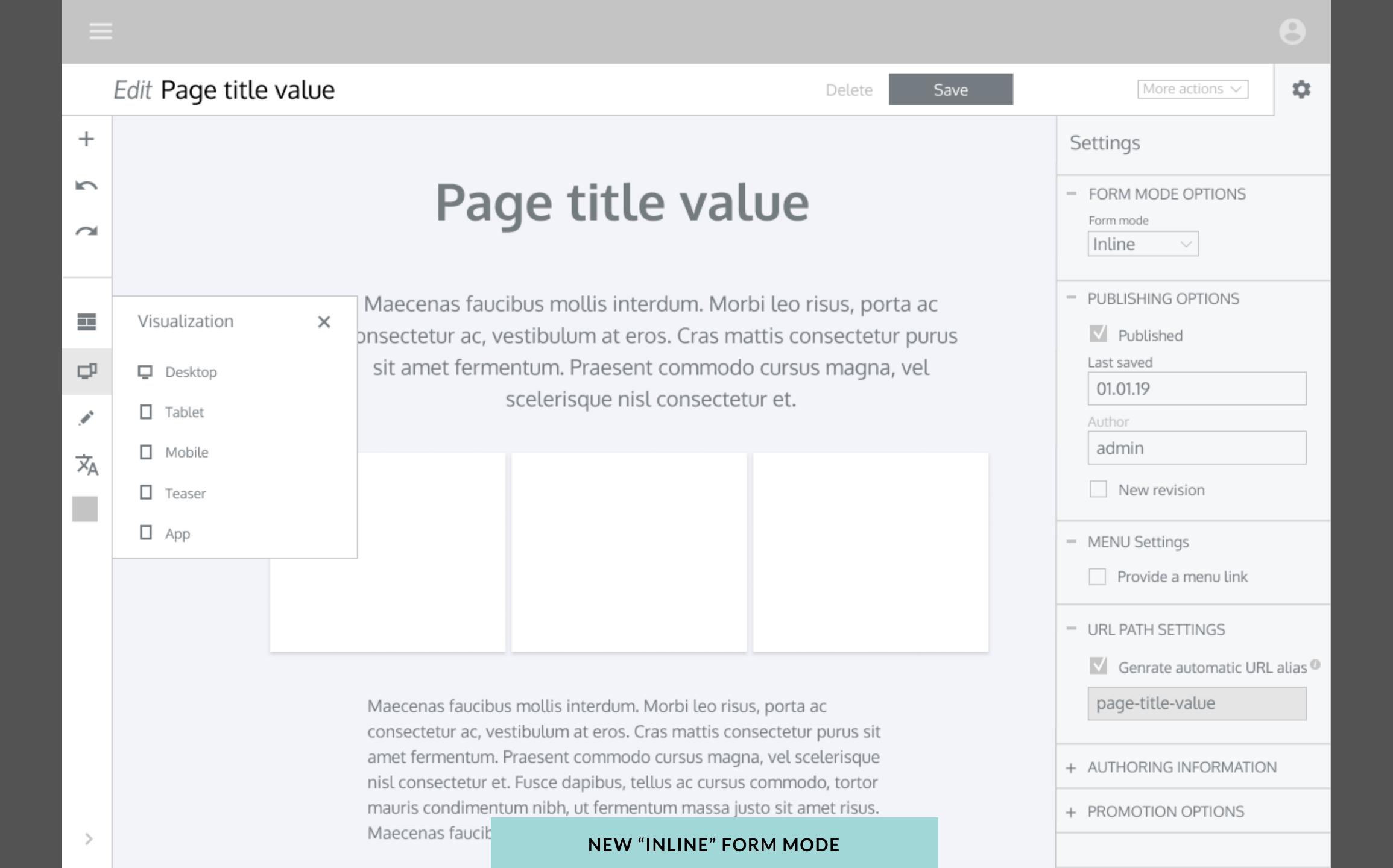
More actions ∨

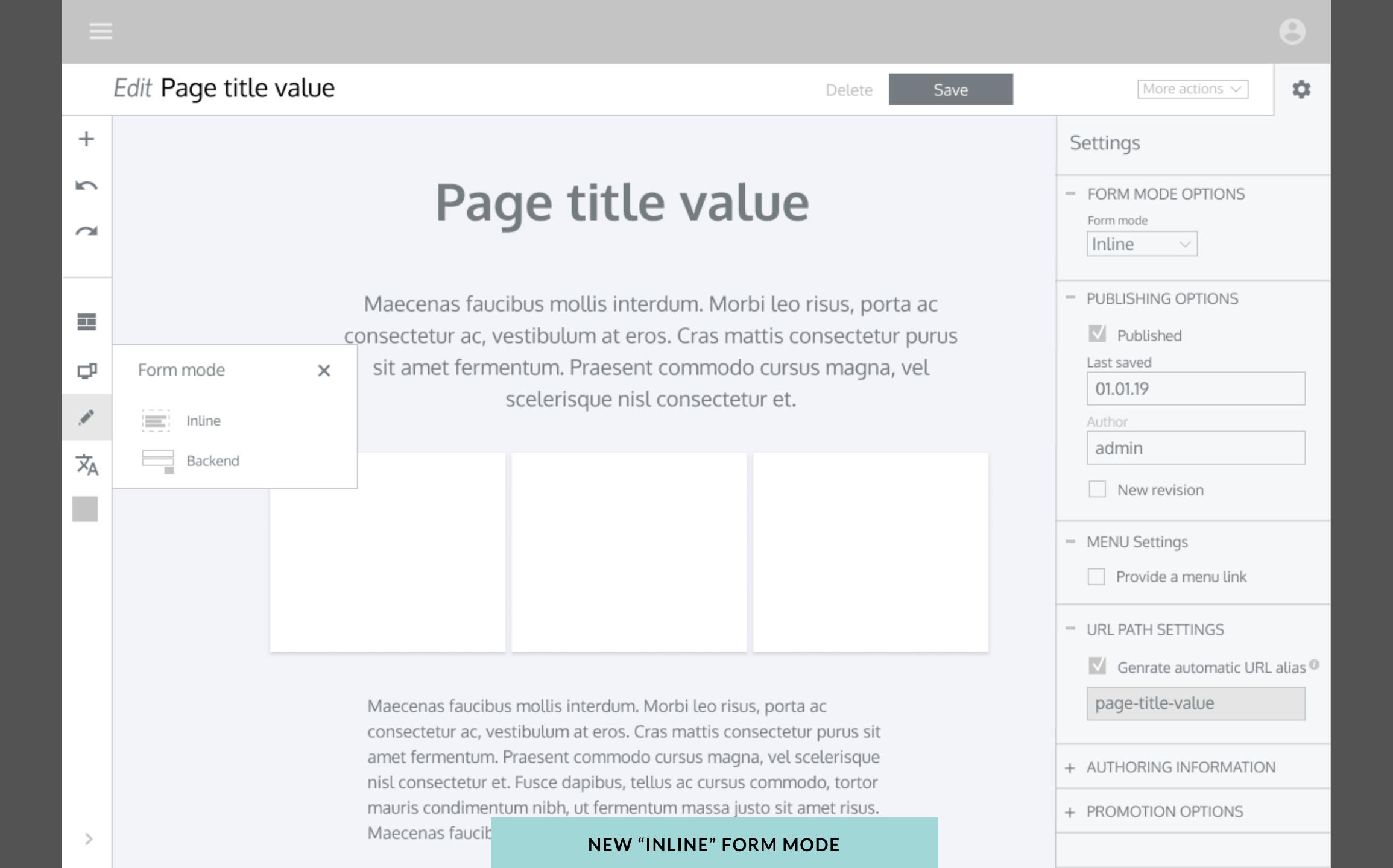


\*



Settings FORM MODE OPTIONS Form mode Inline PUBLISHING OPTIONS Published Last saved 01.01.19 Author admin New revision MENU Settings Provide a menu link URL PATH SETTINGS Genrate automatic URL alias page-title-value + AUTHORING INFORMATION + PROMOTION OPTIONS





# 

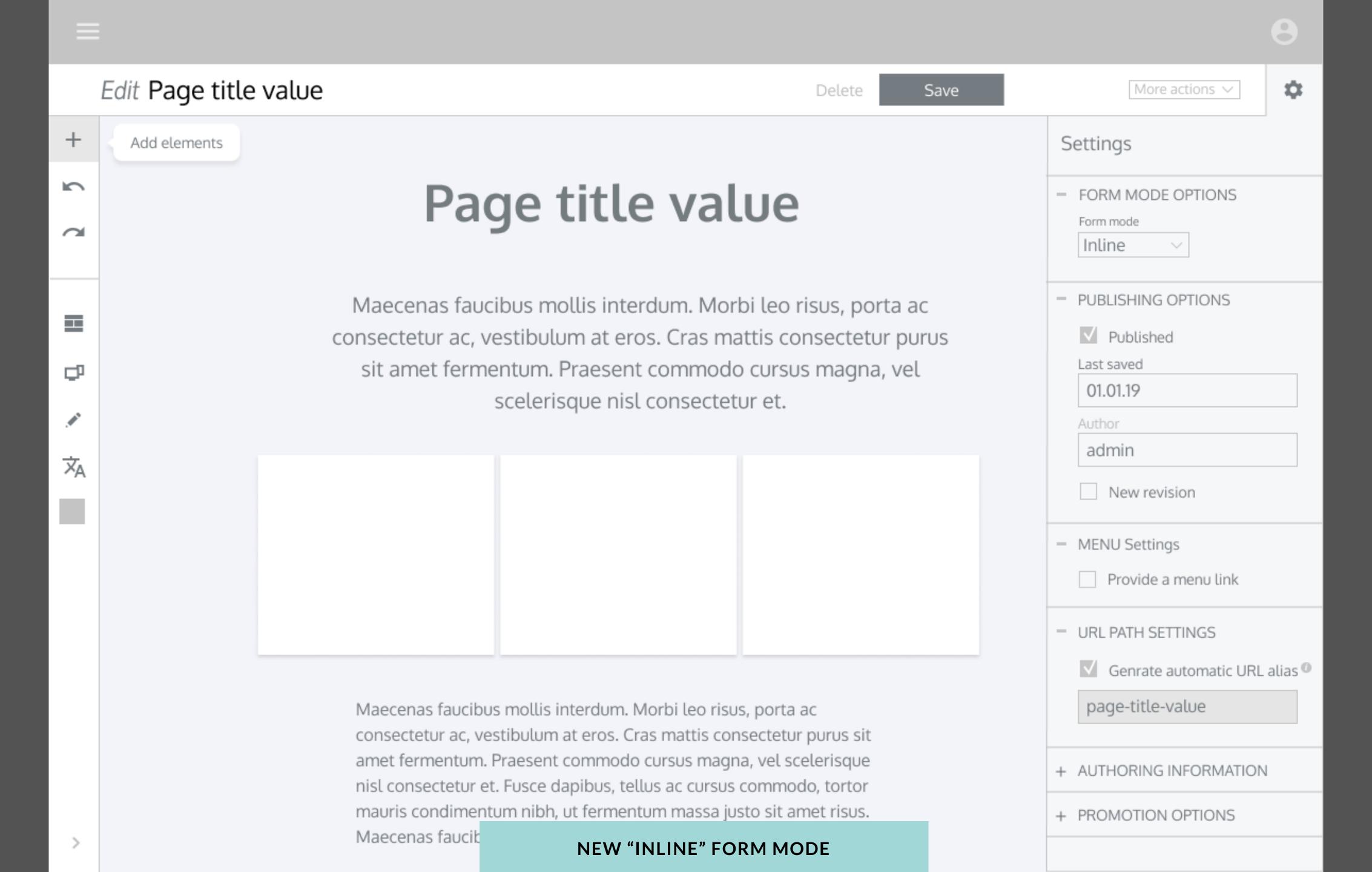


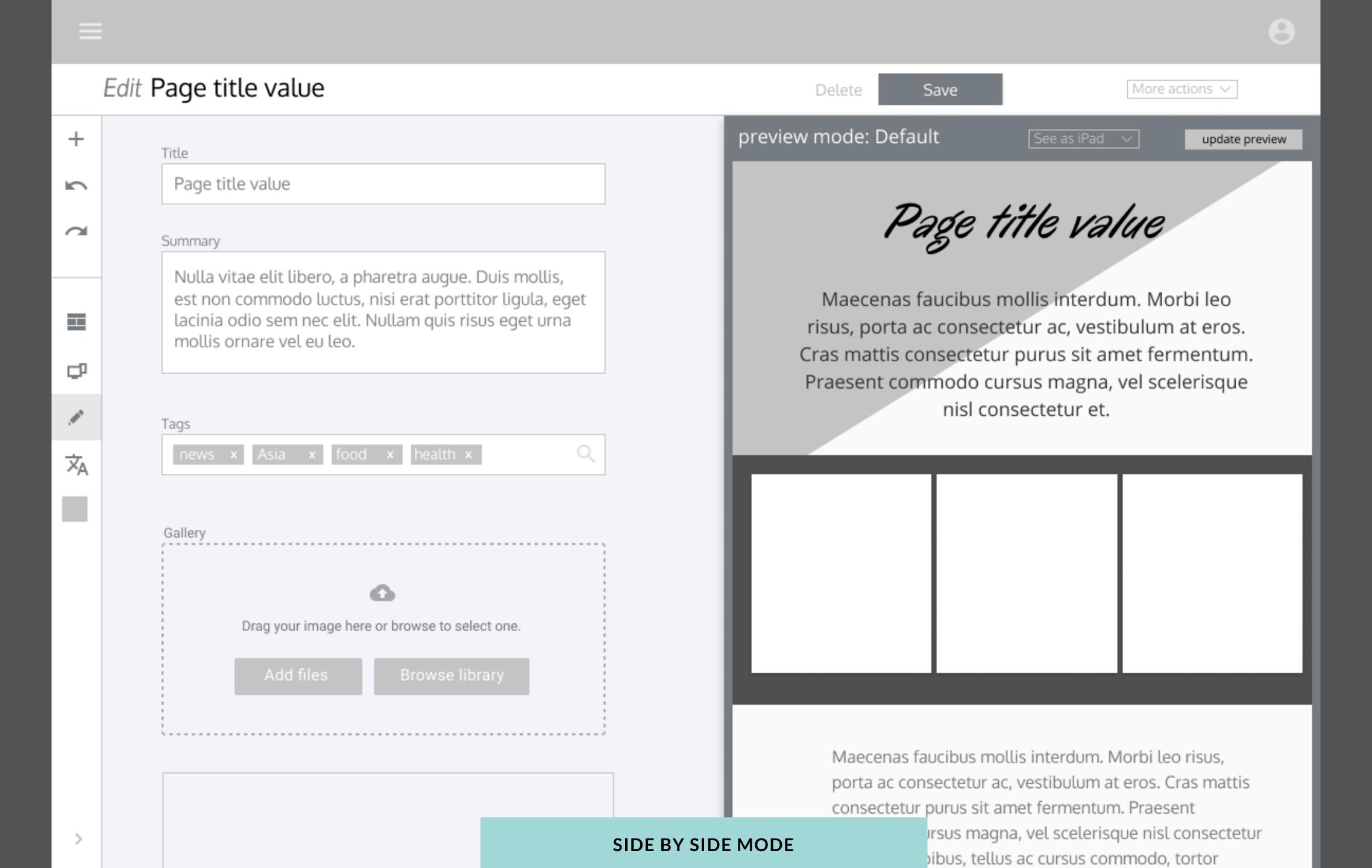
**RESPONSIVE PREVIEW** 

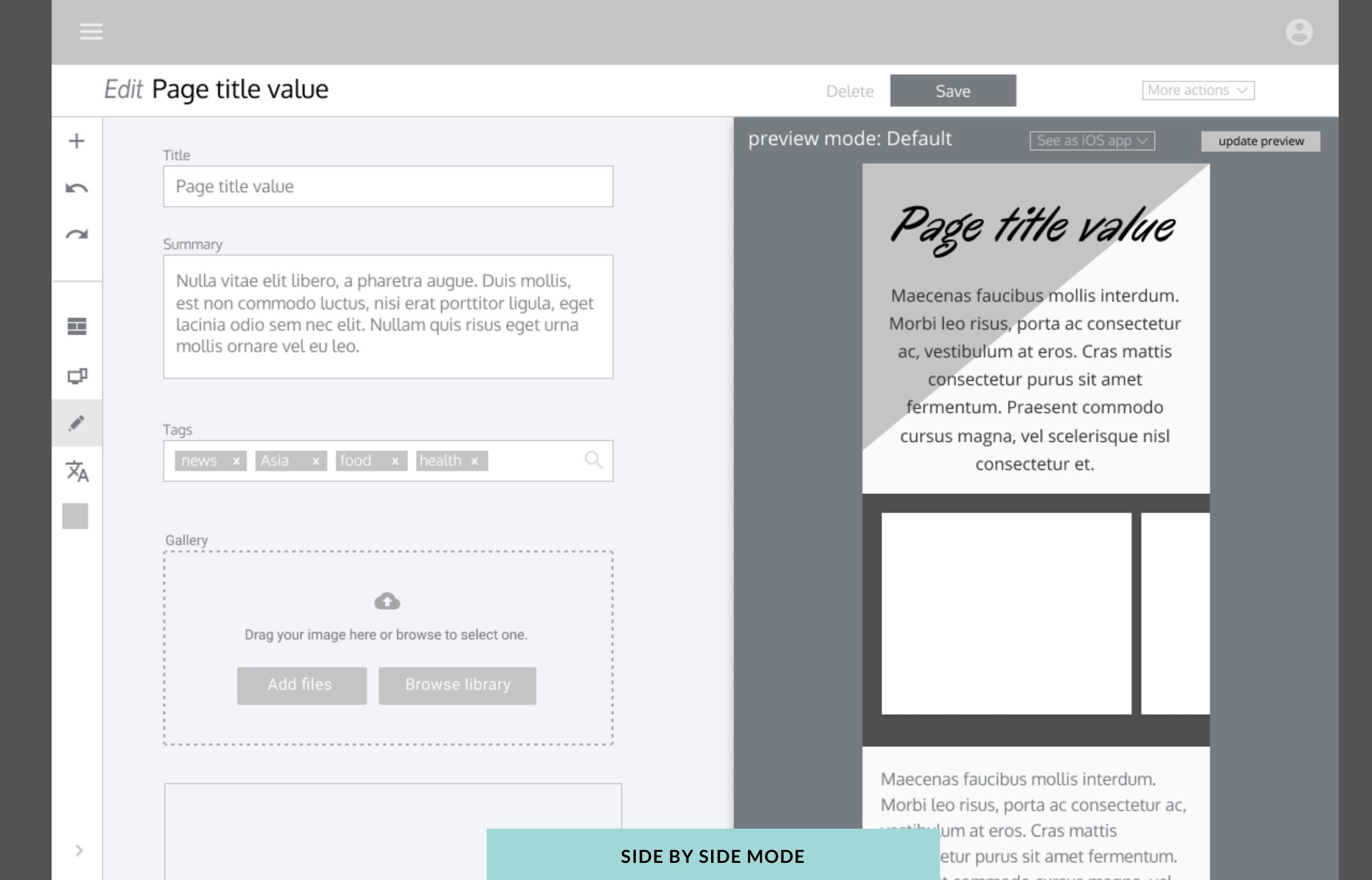
**DECOUPLED PREVIEW SOLUTION** 

REAL-TIME CONTENT PREVIEW

REAL FRONTEND PREVIEW + LAYOUT&MOVING ELEMENTS









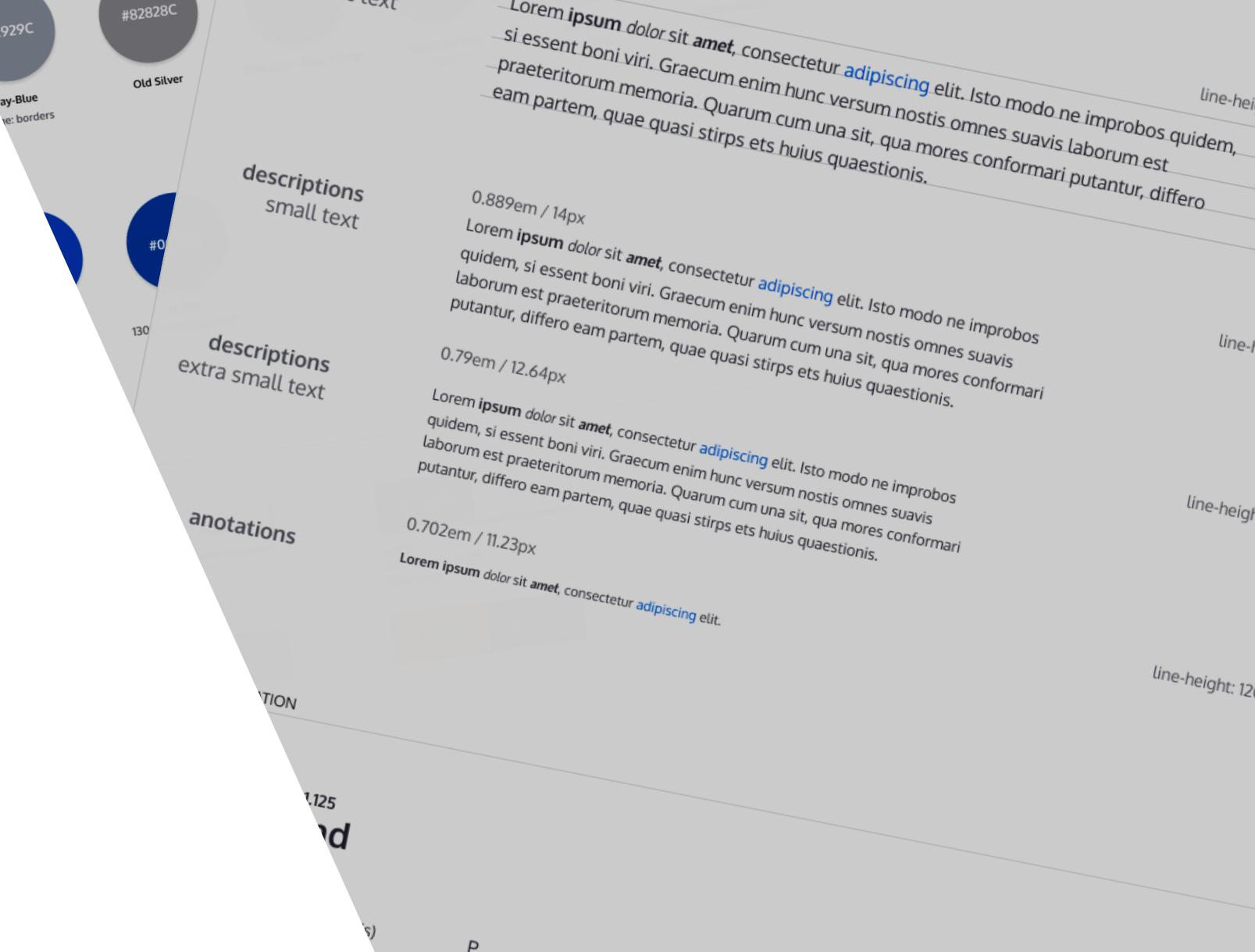
## DEGIGN WORKFLOW

#8E929C



### **FIGMA**

DESIGN, PROTOTYPE, AND GATHER FEEDBACK ALL IN ONE PLACE WITH FIGMA.



H6

1.125em

H5

1.266em

20.25px

H4

1.424em

22.78px

H3

1.602em

25.63px

H2

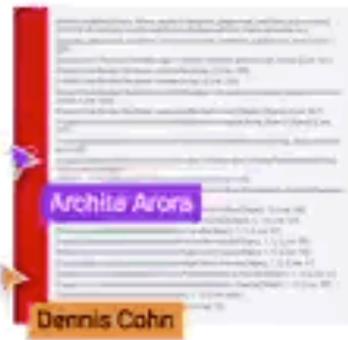
1em

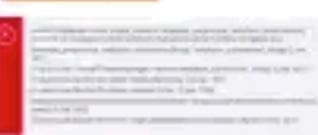


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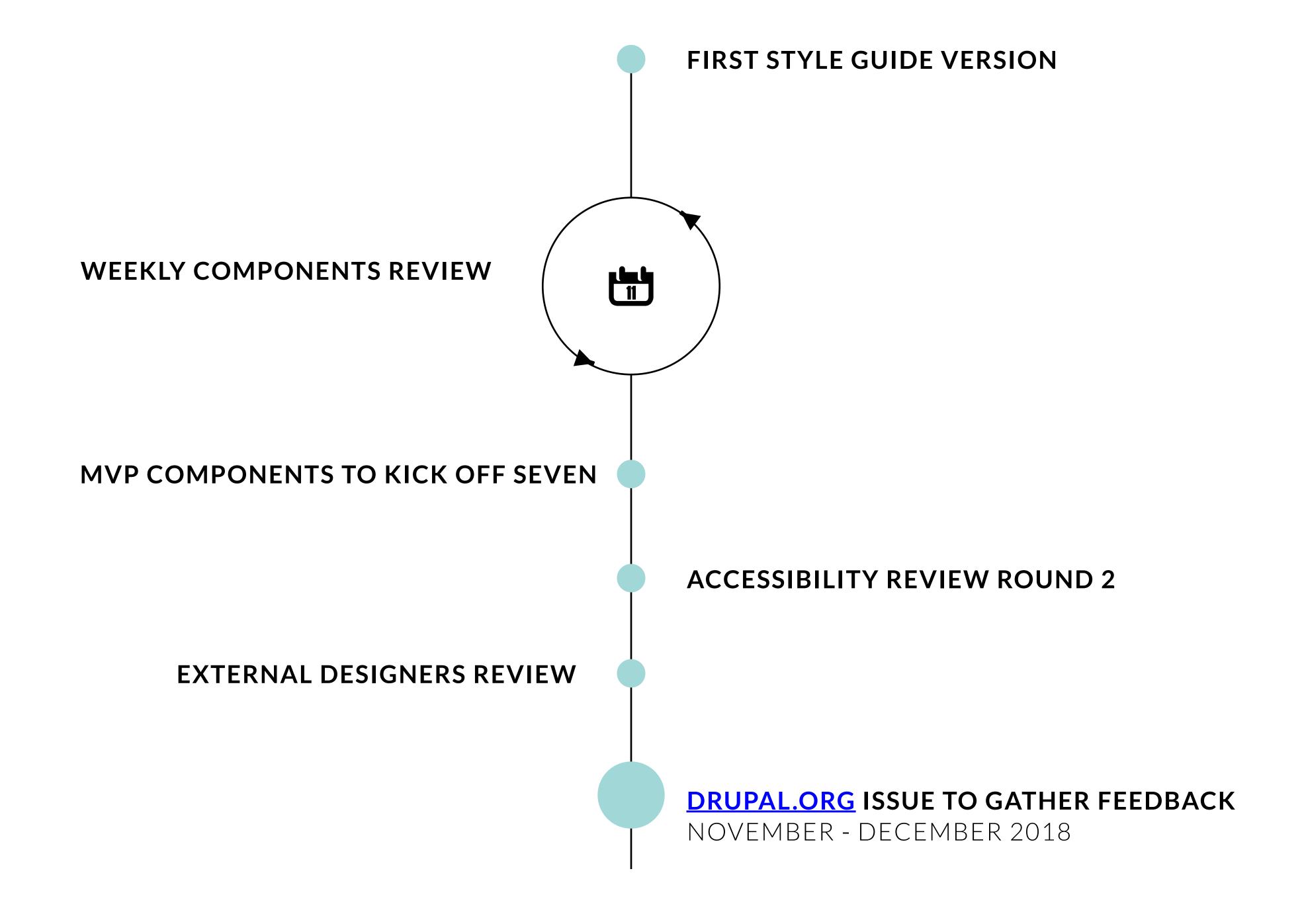
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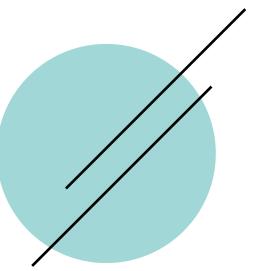




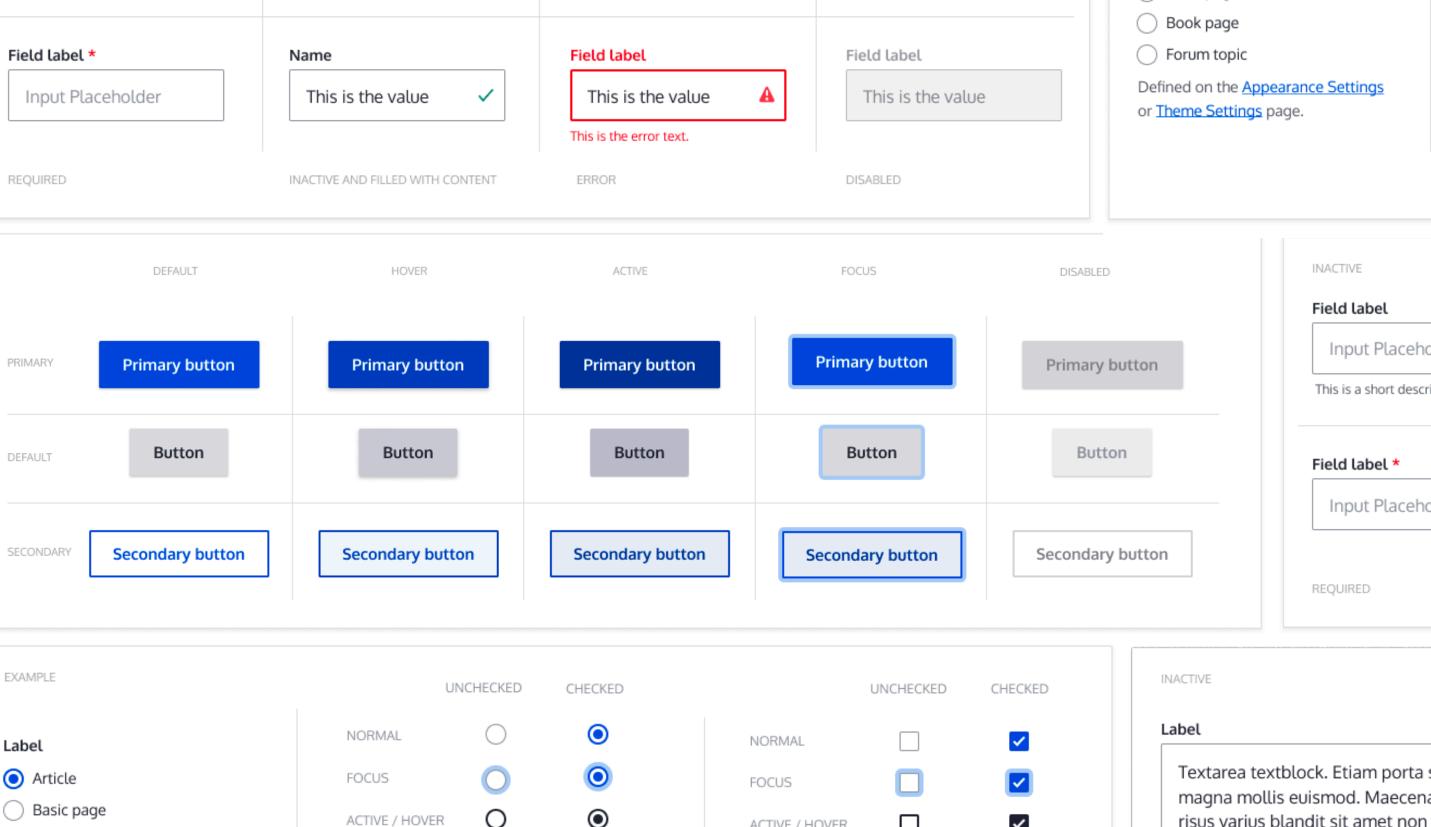




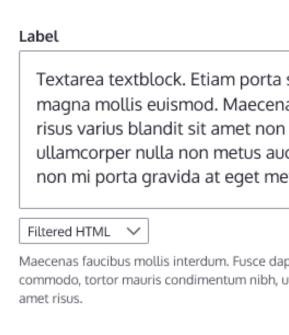


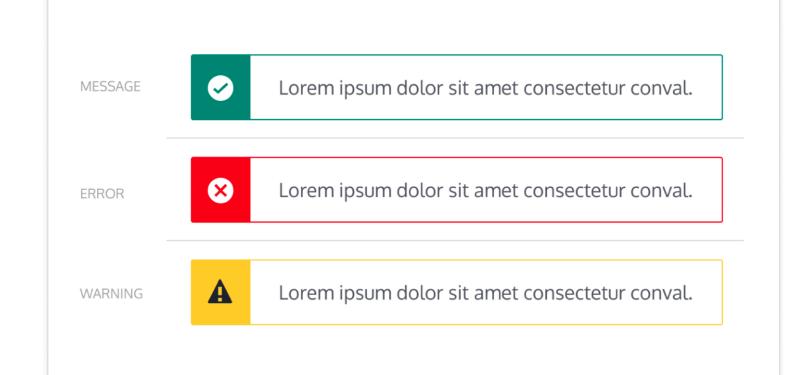


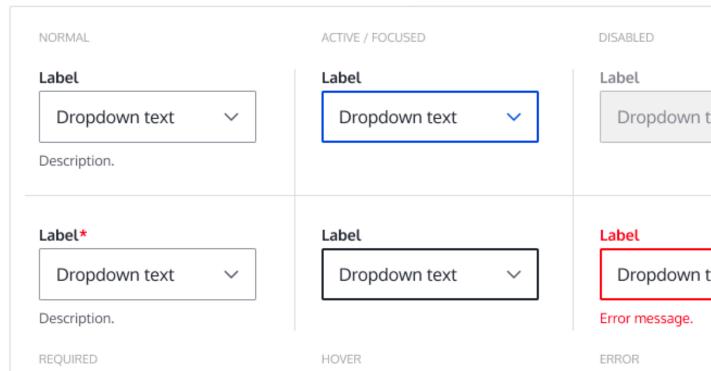
COMPONENTS











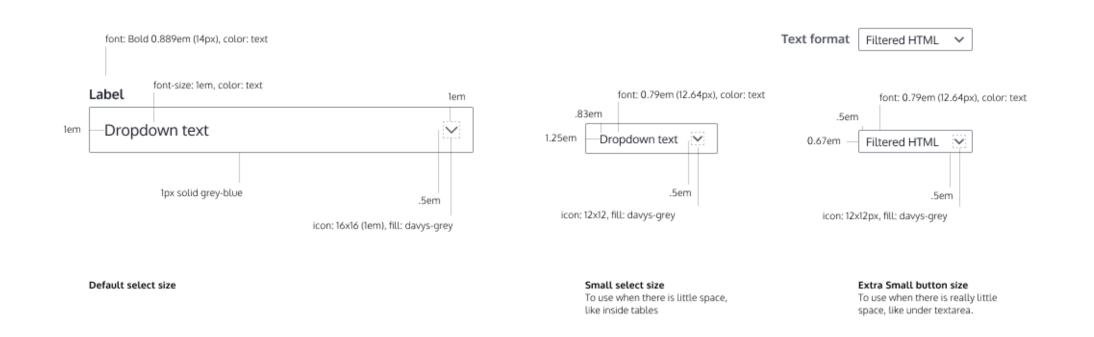


Select VERSION 0.2

PRINCIPLES

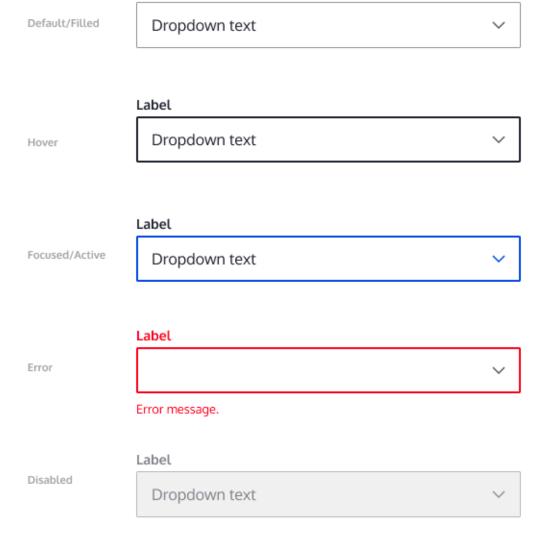
#### discoverable, clear, efficient

#### ANATOMY

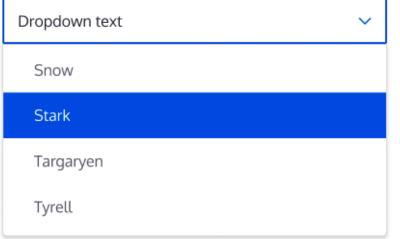


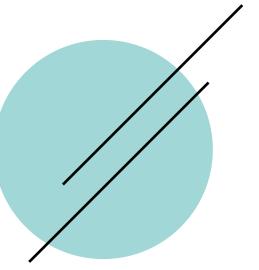
#### STATES

Label

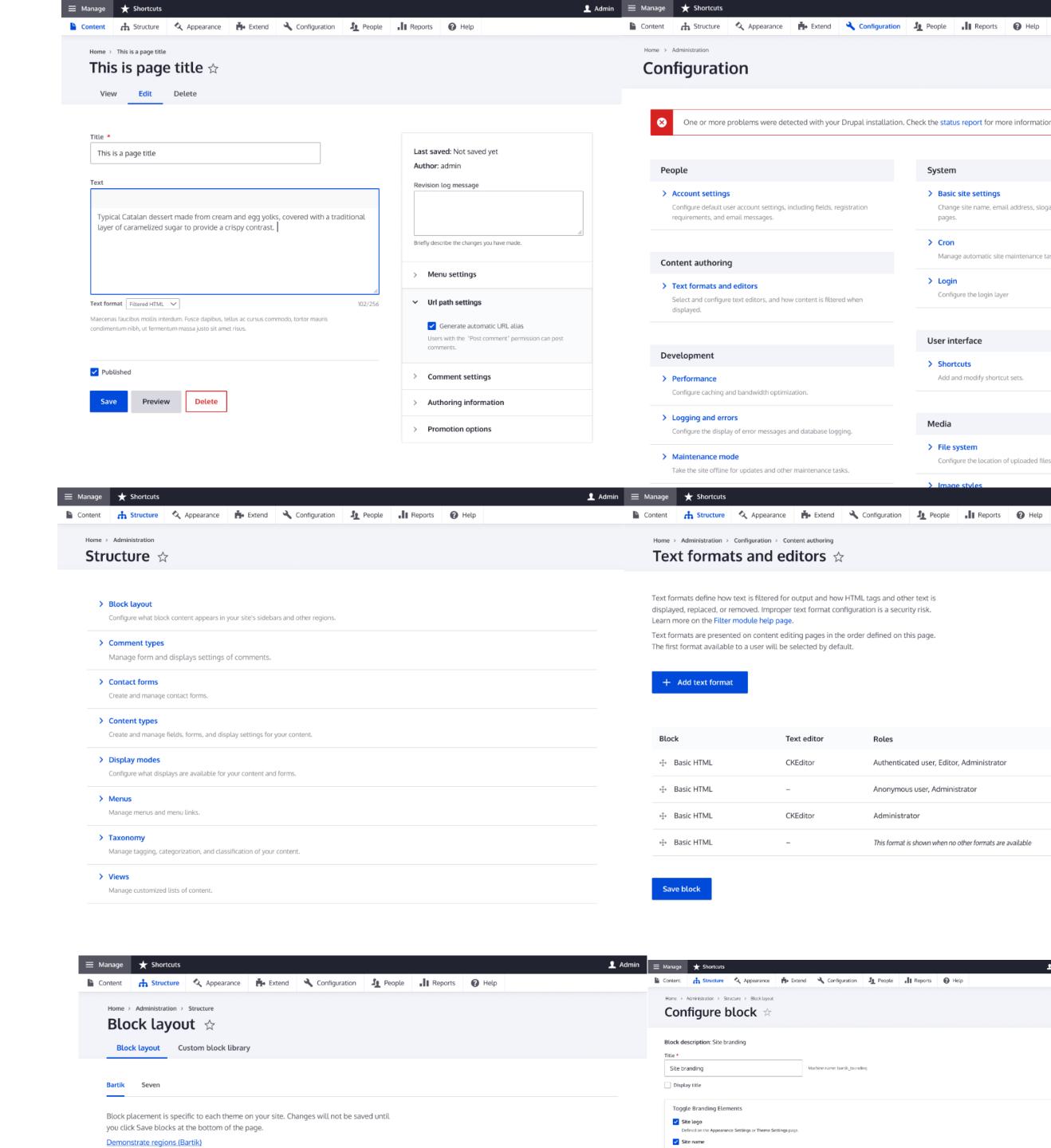


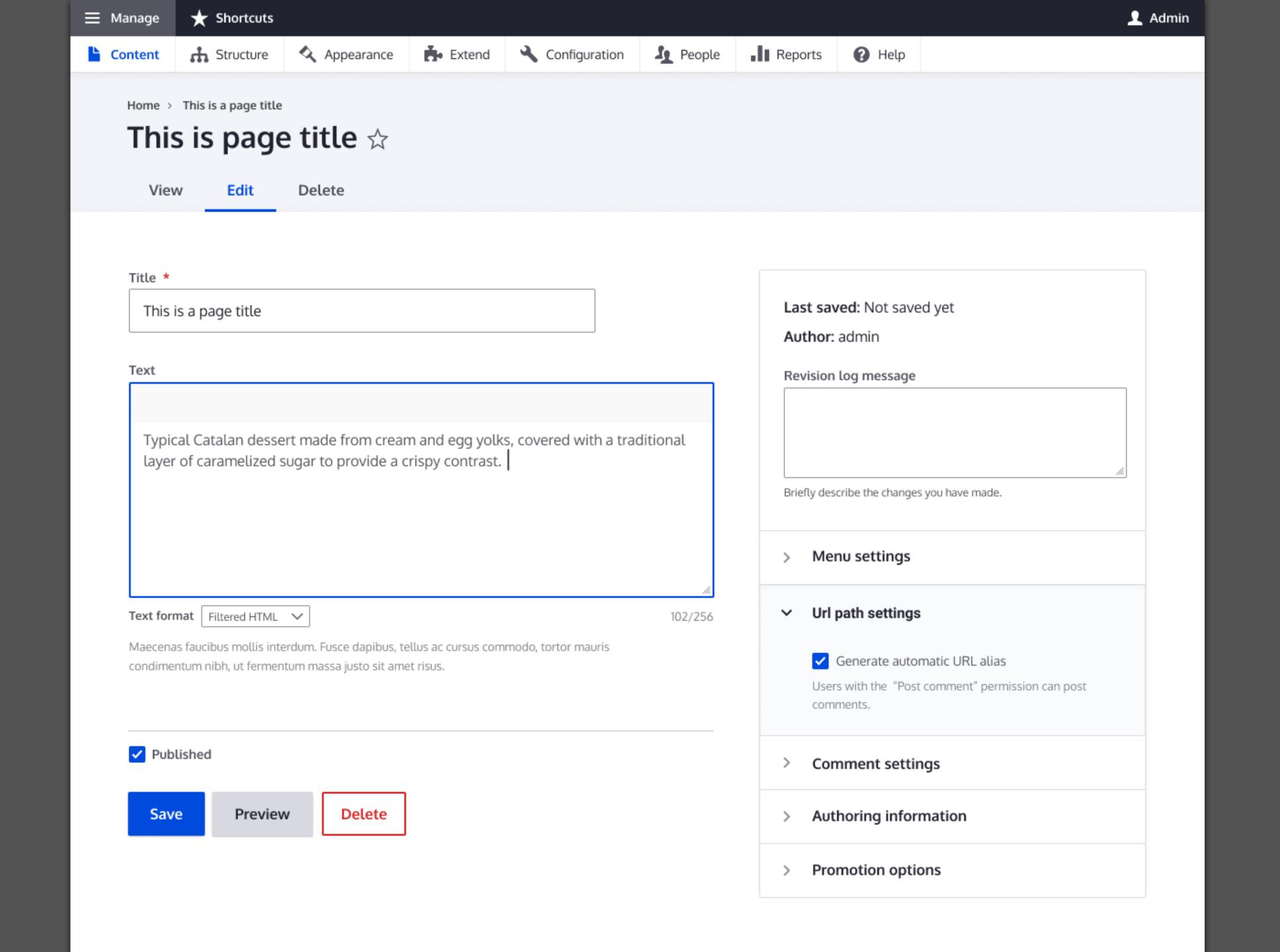
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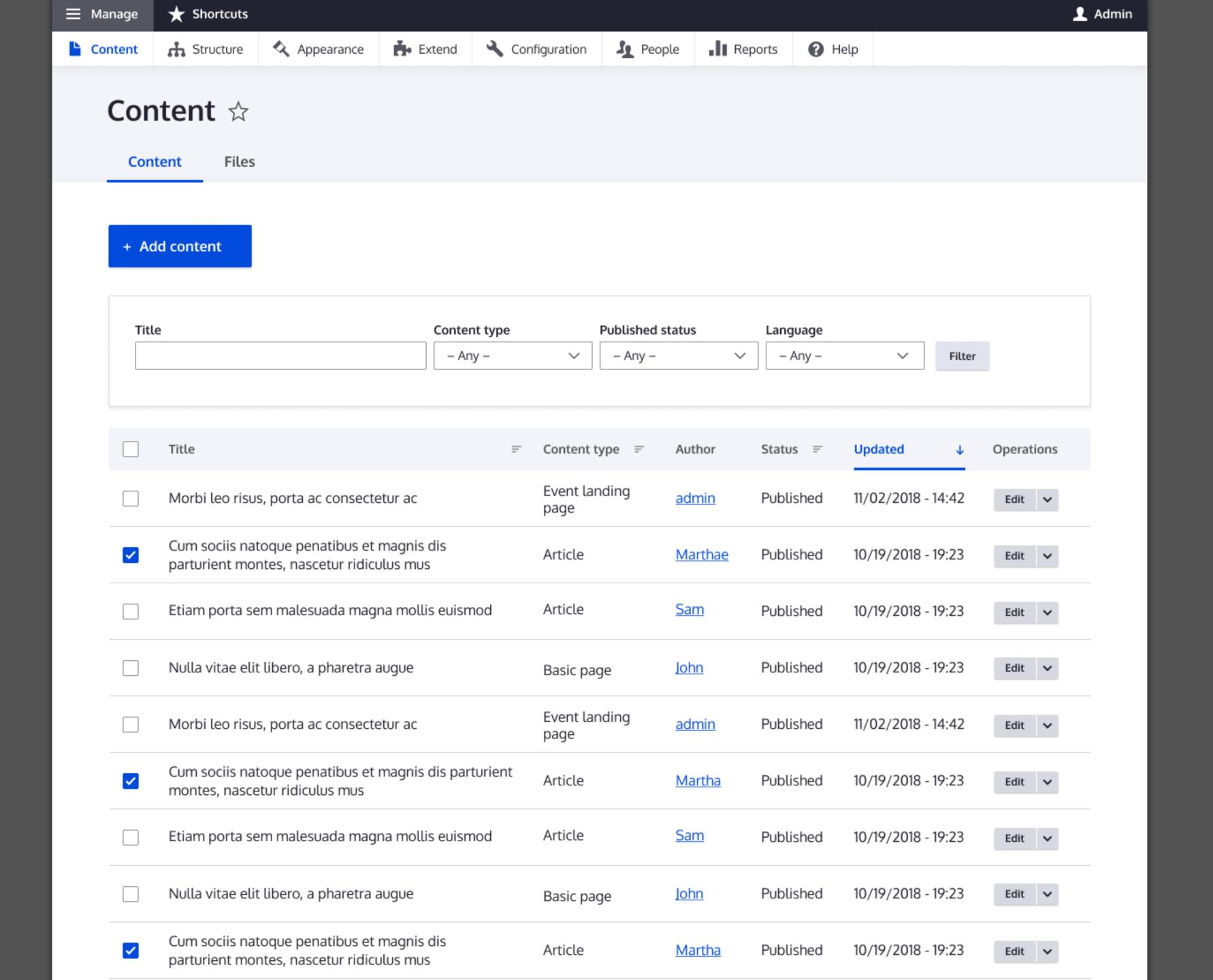


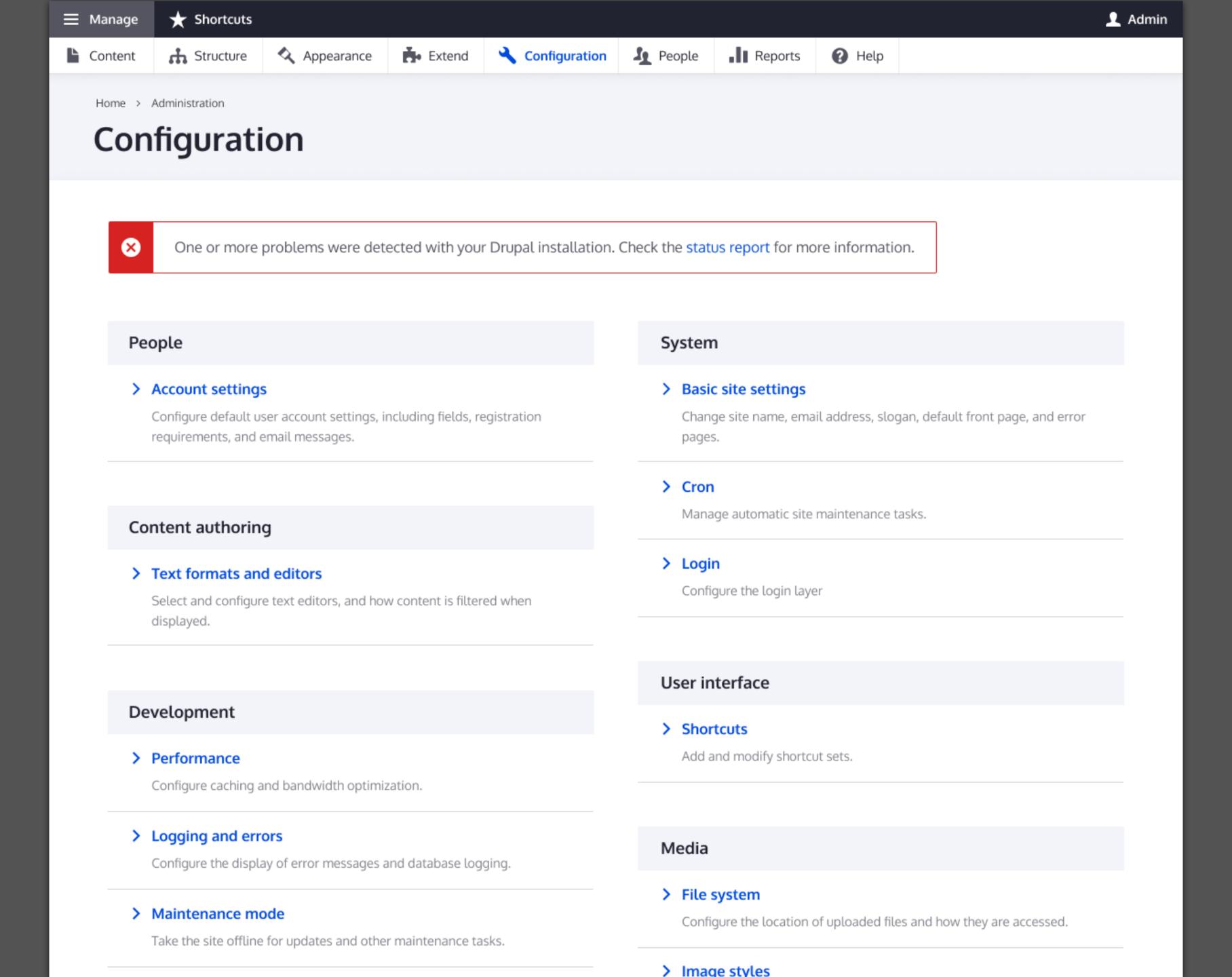


### COMPOSITIONS

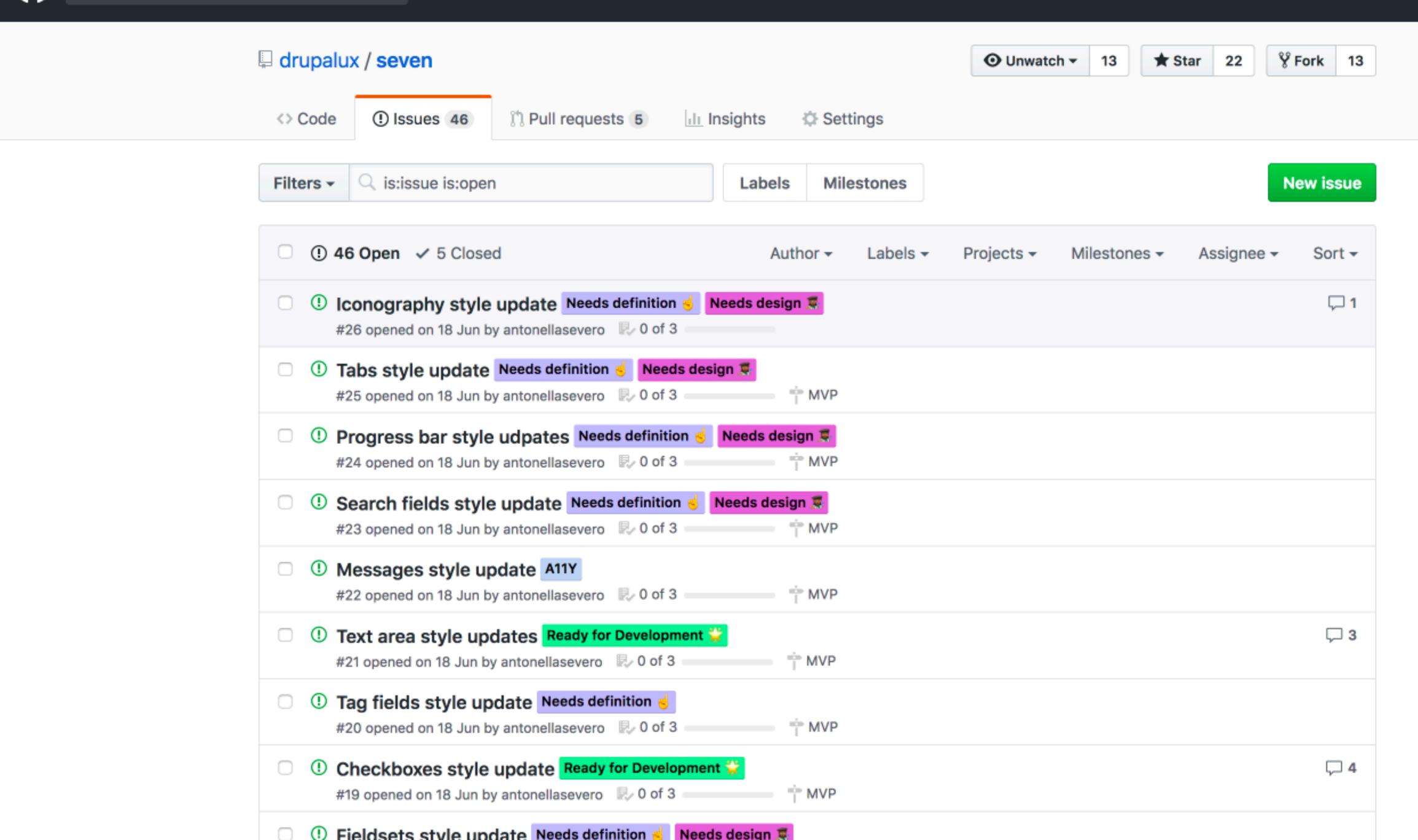




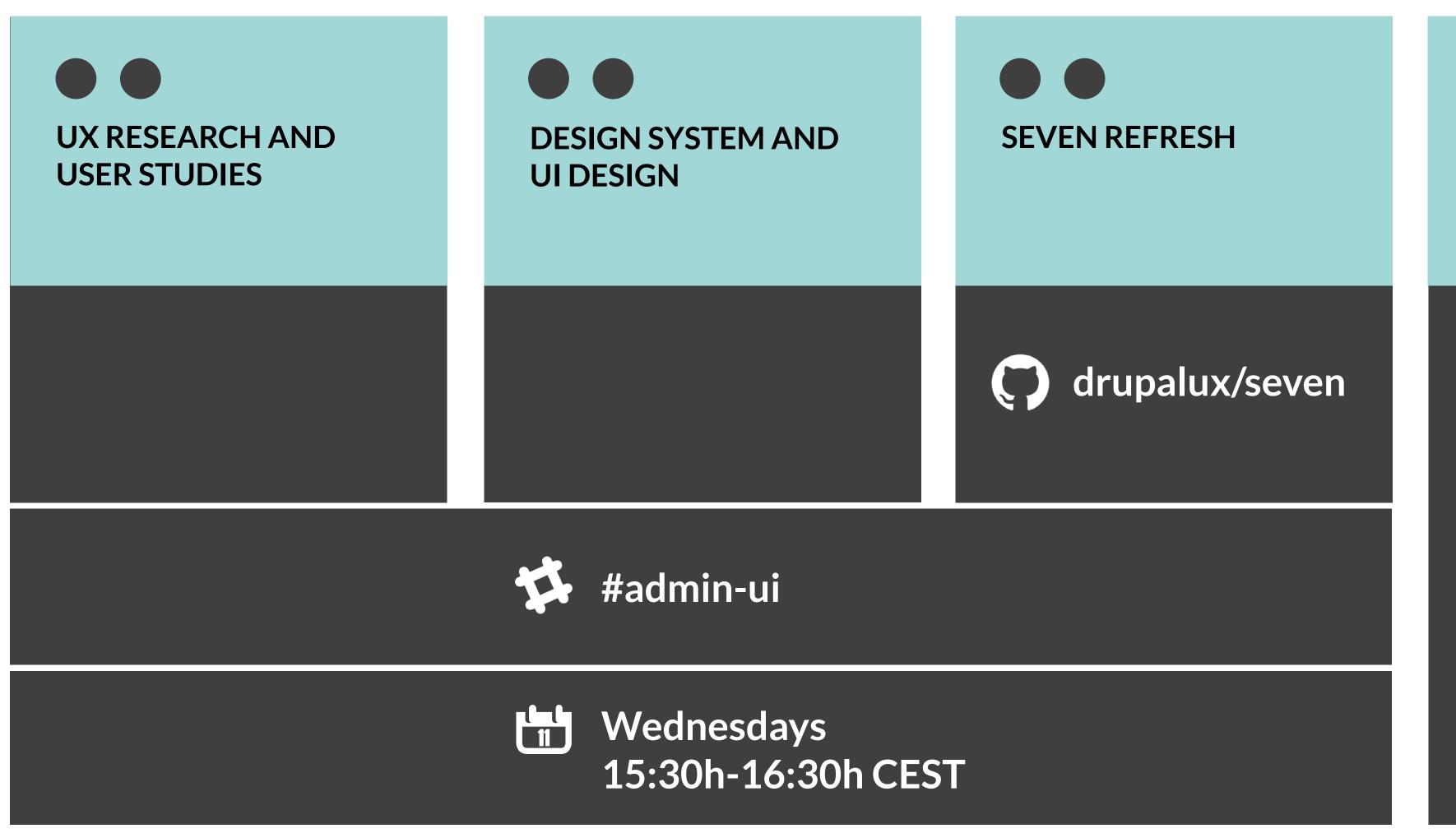














Mondays

**CEST** 

18:30h-19:30h

## THANKS TO

Sascha Eggenberger
Archita Arora
Dennis Cohn
Ricardo Marcelino
Balazs Kantor
Lewis Nyman

Suzanne Dergacheva Roy Scholten Antonella Severo Sarah Lowe Michelle Jackson Jessica Becker





















This is a dream of mine that I have just dreamed. Just see your smiling face everywhere I go