



Flutter Navigator API Scenarios Storyboards

TL;DR

- The Flutter User Research team is collaborating with the Developer Relations team to design a high-level navigation and routing package that will make [Navigator 2.0 API](#) easier to use. (Our current experiment is available on GitHub at [johnpryan/page_router](#))
- Through past user interviews and surveys, our team has collected six navigation and routing scenarios that **Flutter on the Web users** most often struggle with. We have created [storyboards](#) based on these scenarios. We want to hear your thoughts on them.
- **Please write a comment on this [Github issue](#) and let us know 1) which of these six scenarios are critical for your project(s) and why, 2) which scenarios are not as important 3) and whether there are any other scenarios we should consider.**
- We look forward to hearing from you!

List of Navigator Scenarios

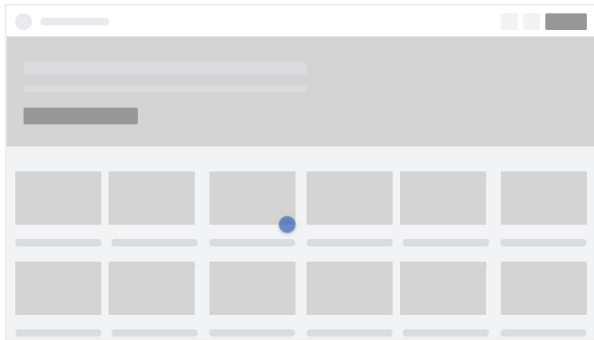
1. [Deep Linking - Path Parameters](#)
2. [Deep Linking - Query Parameters](#)
3. [“Dynamic Linking”](#)
4. [“Skipping Stacks”](#)
5. [Login/Logout/Sign-up Routing](#)
6. [Nested Routing](#)

1. Deep Linking - Path Parameters

Deep Linking - Path Parameters

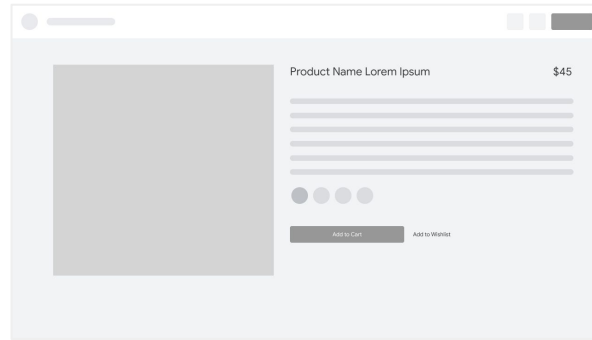
Example Scenario: E-Commerce

Homepage



Kai finds and clicks on a product he likes

Product Detail Page



Kai copies the URL

E.g., `url.com/book/:id`

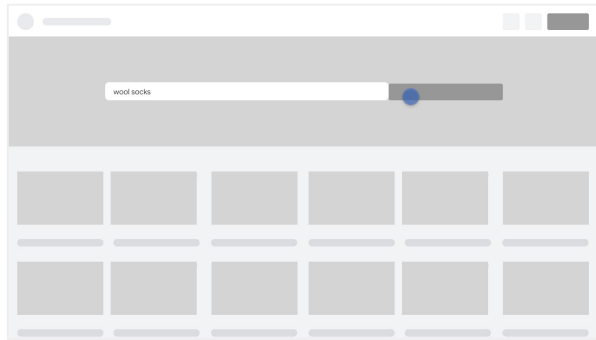
Kai shares the product with friend/family for a second opinion

2. Deep Linking - Query Parameters

Deep Linking - Query Parameters

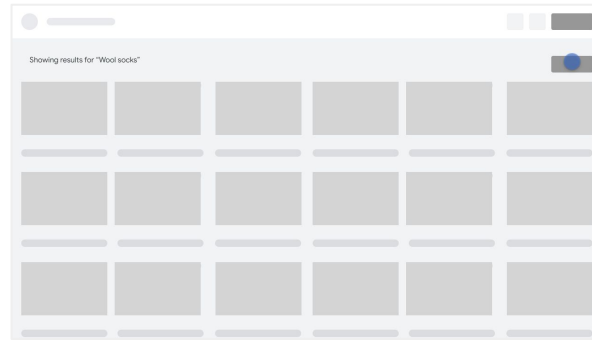
Example Scenario: E-Commerce

Homepage



Kai searches for a product by keyword

Search Results Page



Kai sorts the results by newest and copies the URL

Kai shares the product with friend/family for a second opinion

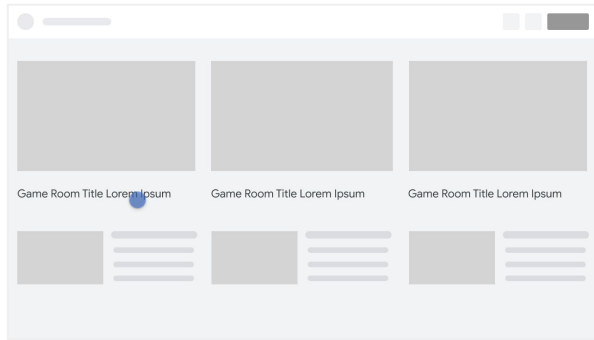
E.g., `url.com/product/q?=wool+socks&sort=?newest`

3. “Dynamic Linking”

“Dynamic Linking”

Example Scenario: Social Game App

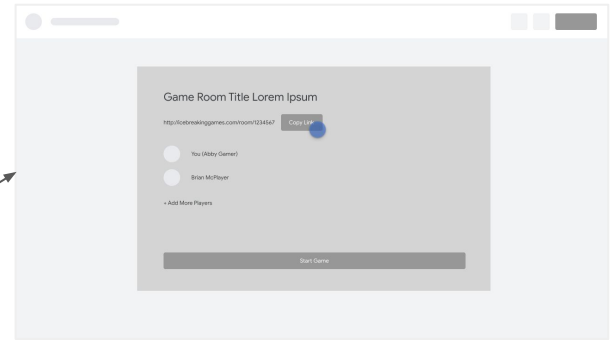
Homepage



Abby chooses a game to play with her teammates

Game room URL created
url.com/room/:id

Game Room - Game Not Started



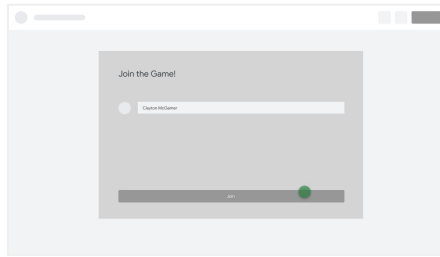
Abby copies the URL and shares the URL with Clayton

“Dynamic Linking” (Cont’d)

Example Scenario: Social Game App

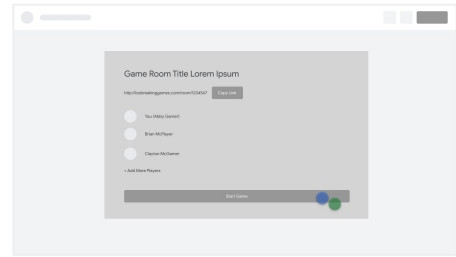
→ Clayton proceeds to the URL →

Game Room - Join the Game!



Clayton types in his name and joins the game

Game Room - Game Not Started



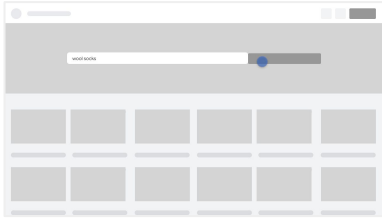
Abby sees Clayton joining and starts the game

4. “Skipping Stacks”

“Skipping Stacks”

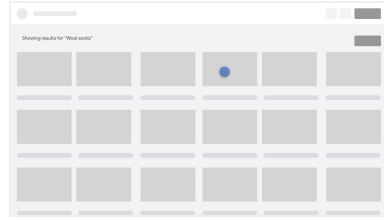
Example Scenario: E-commerce

Homepage



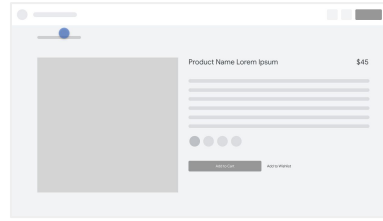
Theo searches for products using a keyword

Search Results



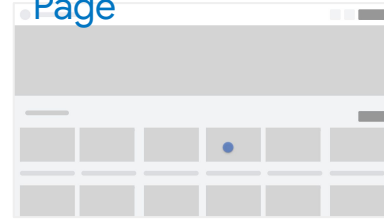
Theo discovers a product (shoes) that he links and clicks on it

Product Detail



Theo clicks on “Back to All Shoes”

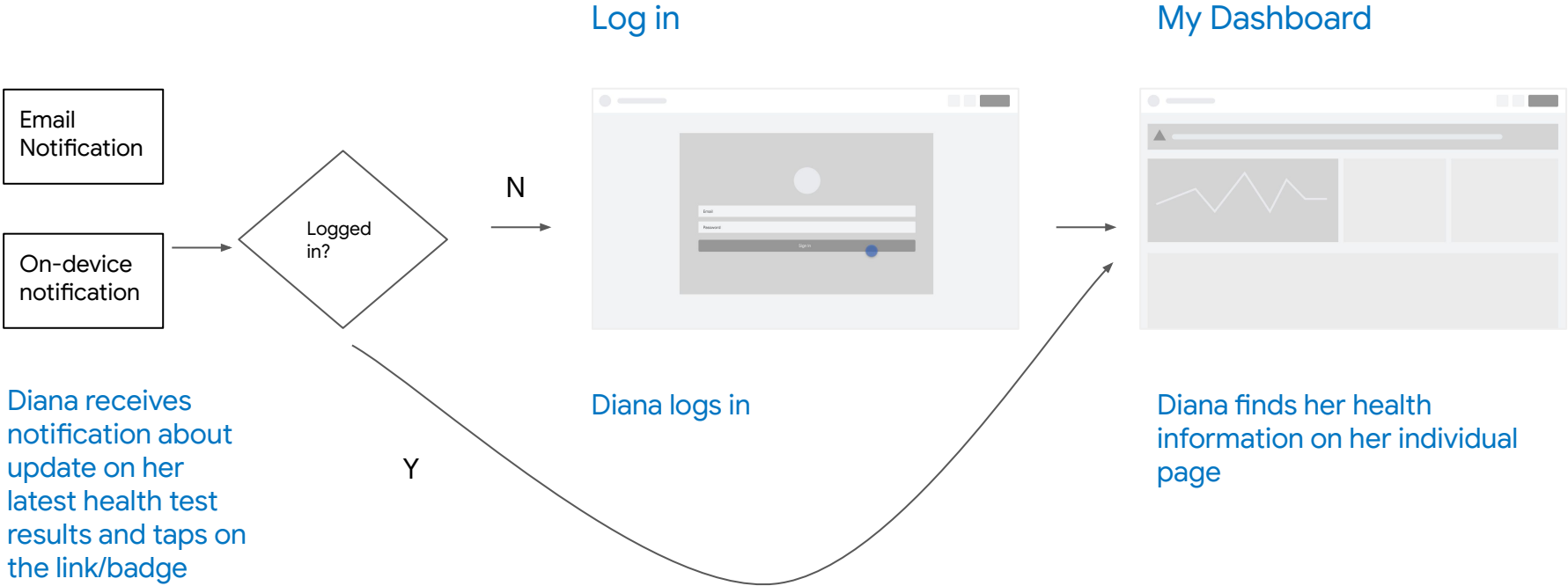
Category Landing Page



5. Login/Logout/Sign-up Routing

Login/Logout/Sign-up Routing

Example Scenario: Health Dashboard

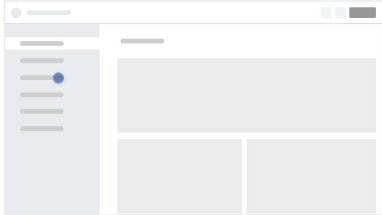


6. Nested Routing

Nested Routing (1/2)

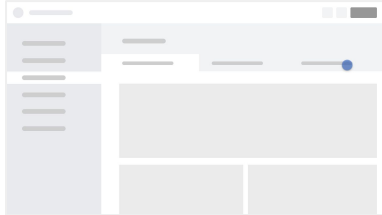
Example Scenario: Project Management

Home Page



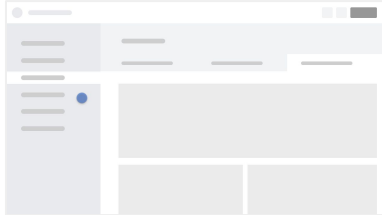
Declan clicks on the "Schedule" section on the left navigation bar

Schedule > "Main" View



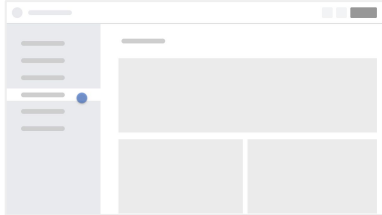
Declan clicks on "Kanban View" tab

Schedule > "Kanban" View



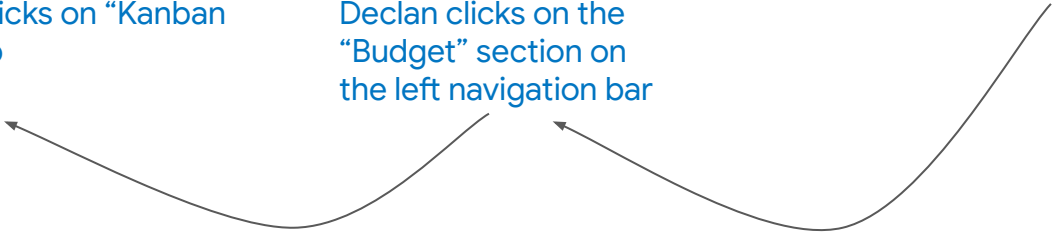
Declan clicks on the "Budget" section on the left navigation bar

Budget



Presses back button to return to the "Kanban" tab on "Schedule"

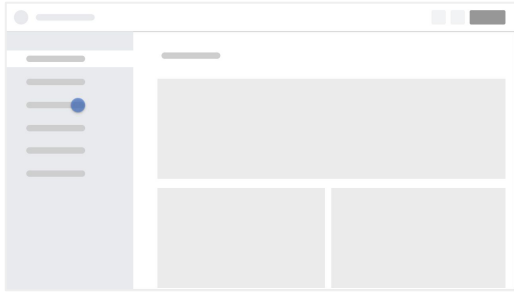
Presses back button



Nested Routing (2/2)

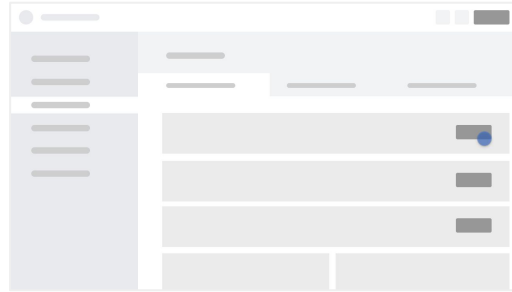
Example Scenario: Project Management

Home Page



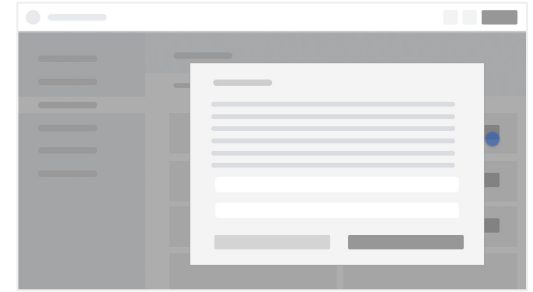
Declan clicks on the “Team” section

Team Page > Main Tab



Declan clicks on the “Edit”
button on a team member

Team Page > Main Tab >
Edit Member



Declan taps on the back button

