User goal: Create a new set of cards.

Storyboard A-1

AnkiDroid

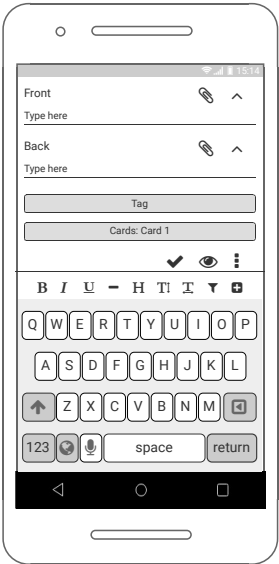Deck | Online Browser | Statistics | Settings
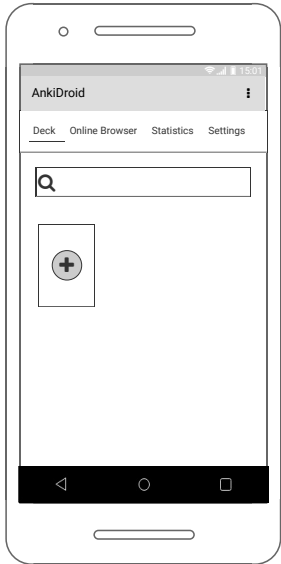
User action: Press the "add" button to create a deck

Storyboard A-2

Deck: OOP
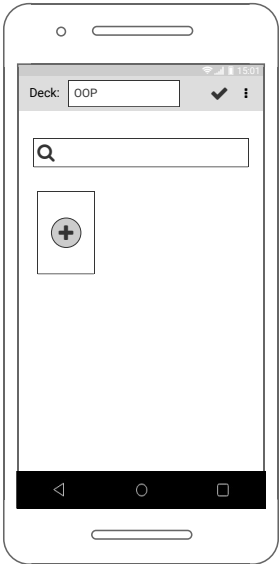
User action: Enter the deck name and press the "add" button to create a note

Storyboard A-3

Front
Type here

Back
Type here

Tag

Cards: Card 1

B I U — H T↑ T ▼ ⊞

Q W E R T Y U I O P
A S D F G H J K L
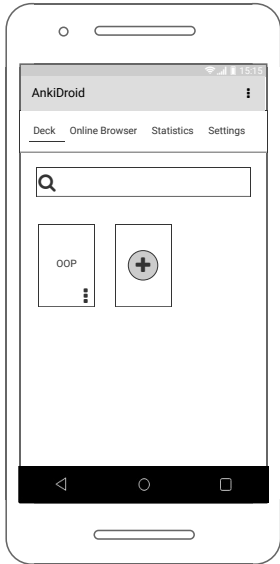↑ Z X C V B N M ⌫
123 🌐 🎤 space return

User action: Customize the note with abundant options and press the "check" button to save the note and repeat to create the second card

Storyboard A-4

Deck: OOP

Single Inheritance | Multiple Inheritance
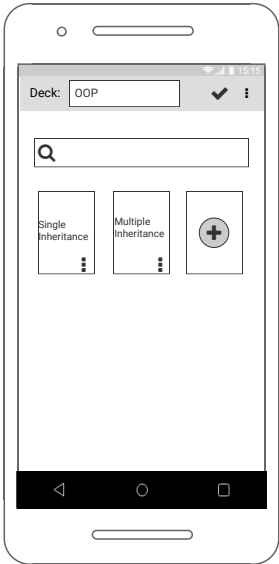
User action: Press the "check" button to save the deck edit

Storyboard A-5

AnkiDroid

Deck | Online Browser | Statistics | Settings

OOP

User action: Press the "Name 1" deck to start study (not the 3-dot menu, that's for use of edit or delete)

Storyboard A-6

OOP

Easy: 0 Intermediate: 0 Hard: 2

Single Inheritance
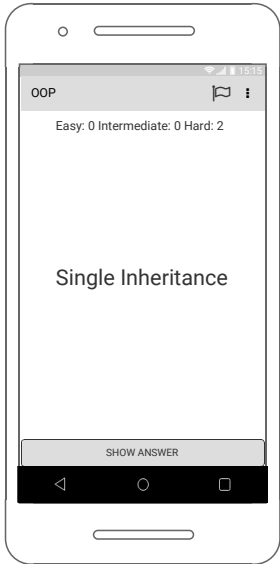
SHOW ANSWER

User action: Press the "SHOW ANSWER" to see the back of the note

Storyboard A-7

OOP

Easy: 0 Intermediate: 0 Hard: 2

Single Inheritance

Inherits from
one base class

AGAIN | GOOD
HARD | EASY

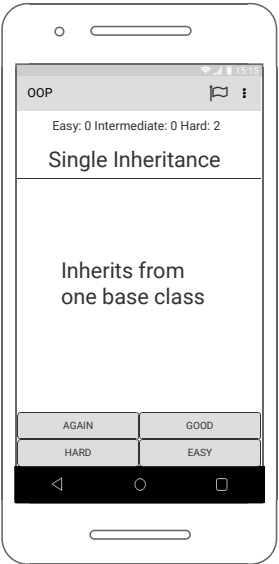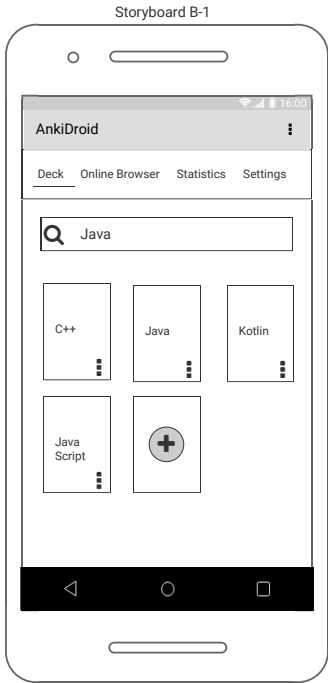User Goal: search local decks for a good matching candidate, open deck and review first card

Storyboard B-1

AnkiDroid ⋮

Deck   Online Browser   Statistics   Settings

🔍 Java

| C++ ⋮ | Java ⋮ | Kotlin ⋮ |

| Java Script ⋮ | ➕ |

User action: Search the deck: "Java" in all local decks.

Storyboard B-2

Search: Java ⋮

Deck   Online Browser   Statistics   Settings

🔍

Java ⋮
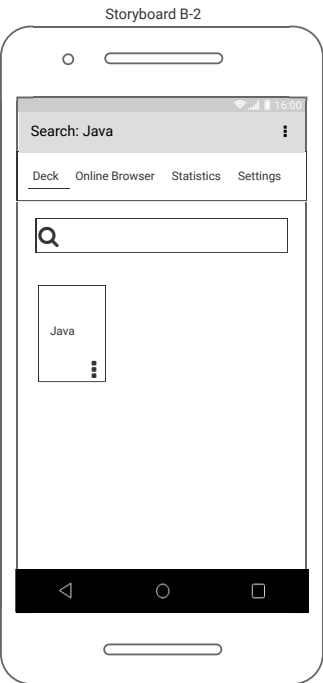
User action: press the ellipsis icon to show the option menu.

Storyboard B-3

Search: Java ⋮

Deck   Online Browser   Statistics   Settings

🔍

Java

Preview
Edit deck
Rename deck
Create subdeck
Deck options
Custom study
Delete deck
Export deck
Create shortcut
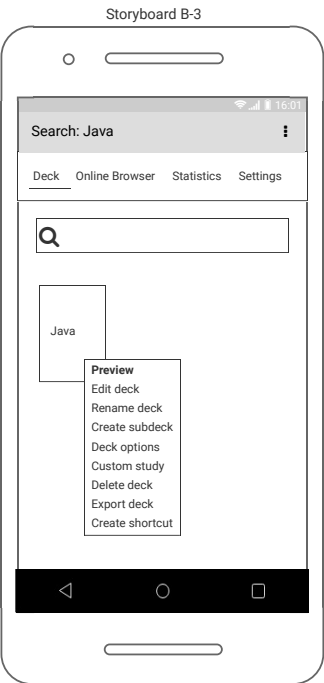
User action: Select the "preview" option to preview the cards inside this deck.

Storyboard B-4

Deck: Java ⋮

🔍 Inheritance

| Single Inheritance ⋮ | Override ⋮ | Overload ⋮ |

| Multiple Inheritance ⋮ |
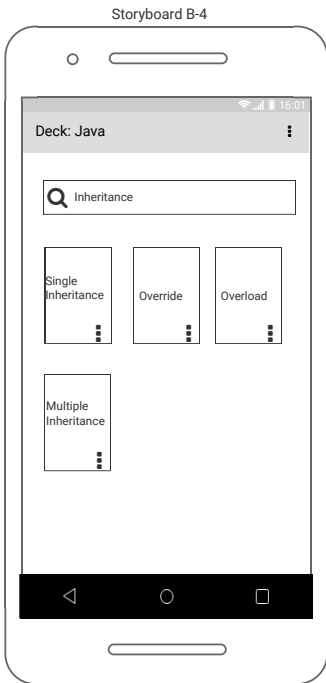
User action: Search "inheritance" in the previewing deck to look for specific cards related to "inheritance".

Storyboard B-5

Card Search: Inheritance ⋮

🔍

| Single Inheritance | Multiple Inheritance ⋮ |
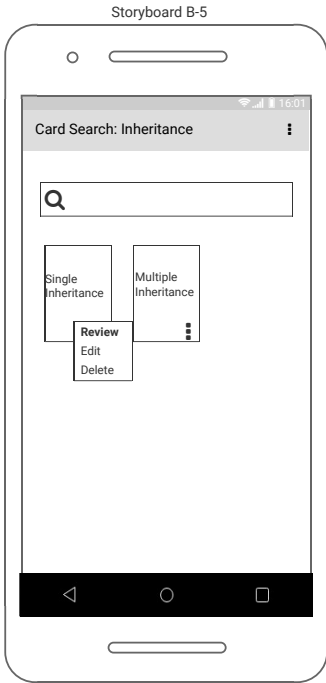
Review
Edit
Delete

User action: Click on the first card's ellipsis icon to show the option menu. Select "Review".

Storyboard B-6

Single Inherience 🚩 ⋮

Single Inheritance

Inherits from only one base class
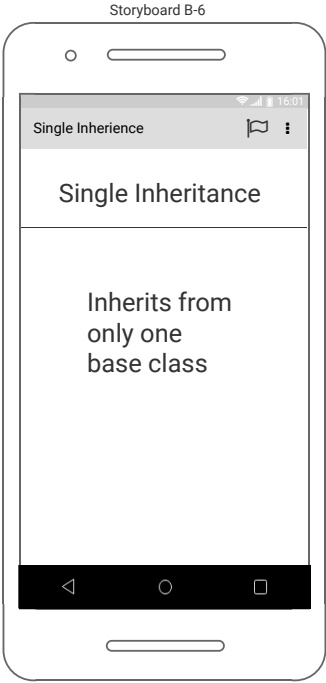
User goal: After reviewing all the cards from a deck, study from Back to review further

Storyboard C-1

OOP ⚑ ⋮

Easy: 0 Intermediate: 0 Hard: 0

Single Inheritance

Inherits from one base class

| AGAIN | GOOD |
| HARD | EASY |
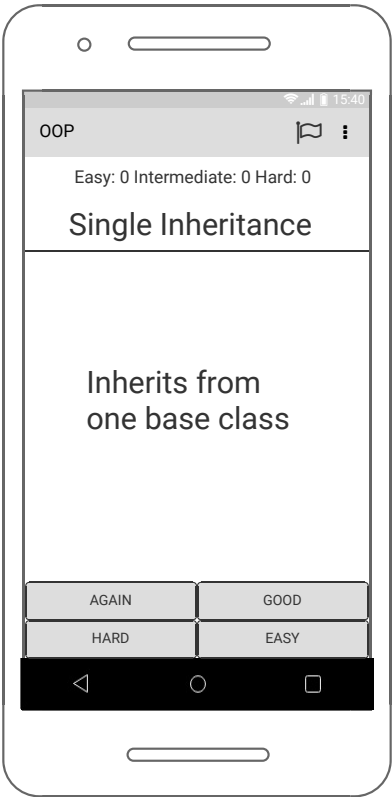
User action: Press the "EASY" button to end the study

Storyboard C-2

Deck: Java

| **Flip cards** |
| Edit deck |
| Rename deck |
| Create subdeck |
| Deck options |
| Custom study |
| Delete deck |
| Export deck |
| Create shortcut |

🔍 Inheritance

Single Inheritance ⋮

Override ⋮

Overload ⋮

Multiple Inheritance ⋮

➕
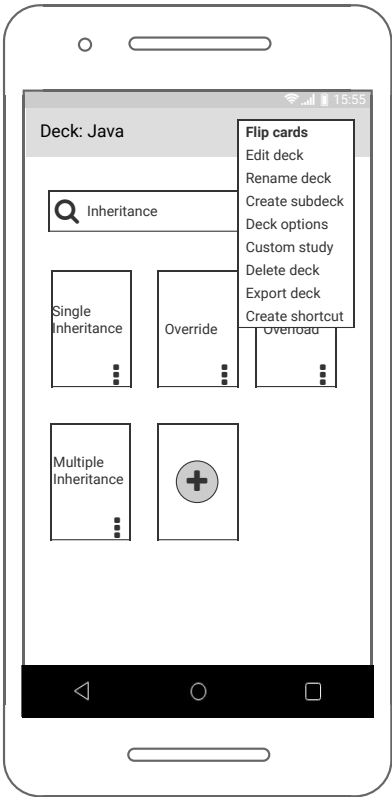
User action: Press the "ellipse" icon and press the option "Flip cards"

Storyboard C-3

Deck: Java ⋮

🔍

Inherits from one base class

Run time polymorphism

Compile time polymorphism

Study flipped cards right away?

No   Yes

Inherits from mor than one base class ⋮
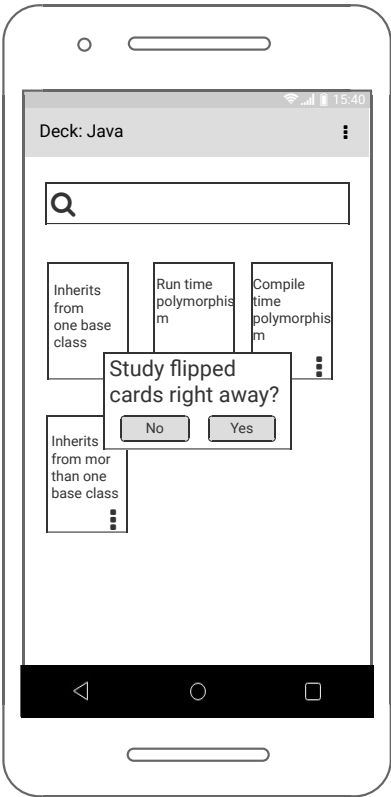
User action: After press the "Flip cards", the cards are flipped and the pop-up shows, we press "Yes" button

Storyboard C-4

Java ⚑ ⋮

Easy: 0 Intermediate: 0 Hard: 4

Inherits from one base class
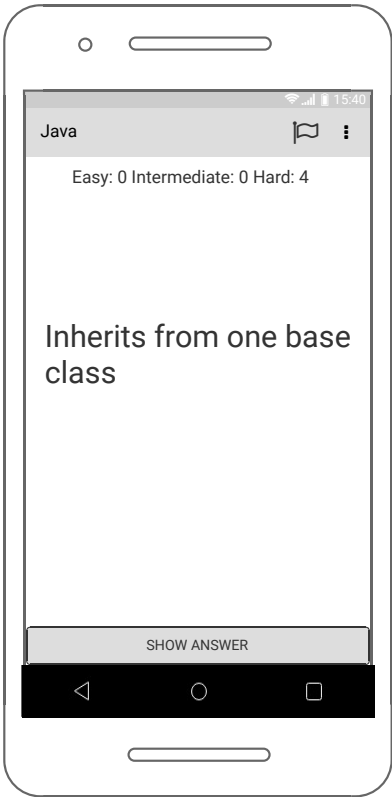
SHOW ANSWER

User action: Press the "SHOW ANSWER" to see the front of the card

Storyboard C-5

Java ⚑ ⋮

Easy: 0 Intermediate: 0 Hard: 4

Inherits from one base class

Single Inheritance

| AGAIN | GOOD |
| HARD | EASY |
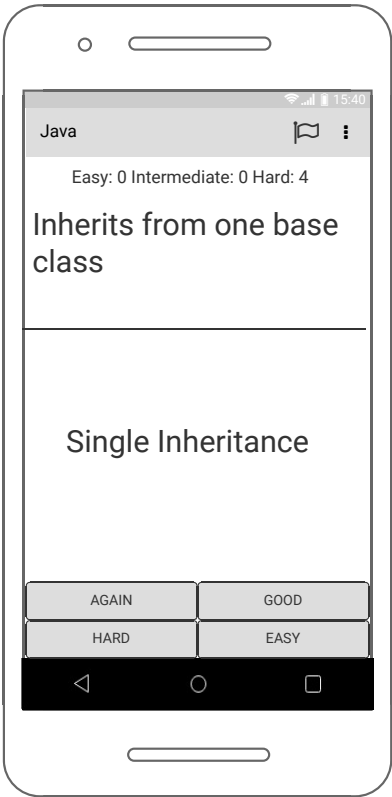
User goal: Obtain a best deck in the category from the shared decks.

Storyboard D-1

AnkiDroid ⋮

Deck · Online Browser · Statistics · Settings

🔍 SAT

˅ Chinese
˅ Arabic
˅ English
˅ Anatomy
˅ Biology
˅ German
˅ Math

User action: Selected the "Online Browser" tab to see shared decks and enter "SAT" into the search box

Storyboard D-2

Search: SAT 🔍 ⋮

Deck · Online Browser · Statistics · Settings

Titles	Ratings	Notes
Barron's Basic Word List: 1500 words for the PSAT...		1467
Barron's 3500 for SAT		3457
SAT Physics Formulas		57
The College Panda's 400 SAT Words You Must Know		400
SAT Biology Flashcards (please read description)		365
Barron's 500 SAT Vocabulary Flash Cards		500
1000 SAT word list		1002
McGraw-Hill's Conversational American English		119

User action: Press the deck with the highest rating

Storyboard D-3

Barron's Basic Word List: 1500 ... 🔗 ⋮

Deck · Online Browser · Statistics · Settings

Barron's Basic Word List: 1500 words for the PSAT, SAT, etc.   👍 👎
                                    15   0

Description
......

Samples

| Sample 1 | Sample 2 | Sample 3 |

Reviews
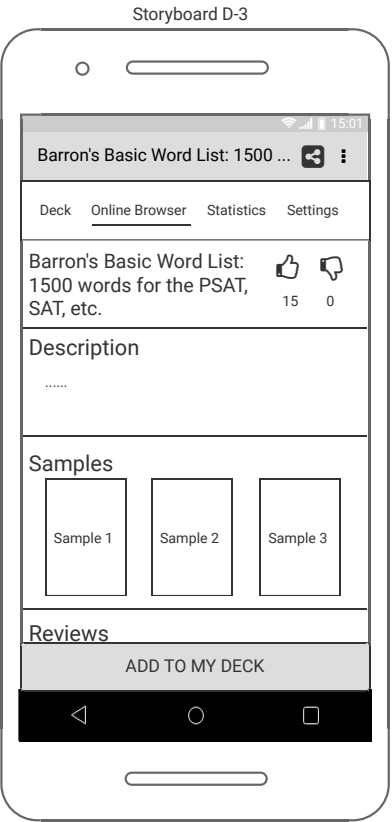
ADD TO MY DECK

User action: Press the "ADD TO MY DECK" to download the deck

Storyboard D-4

Barron's Basic Word List: 1500 ... 🔗 ⋮

Deck · Online Browser · Statistics · Settings

Barron's Basic Word List: 1500 words for the PSAT, SAT, etc.   👍 👎
                                    15   0

Description
......

Samples

| Sample 1 | Sample 2 | Sample 3 |

Reviews
Download Successful! Check on your deck!
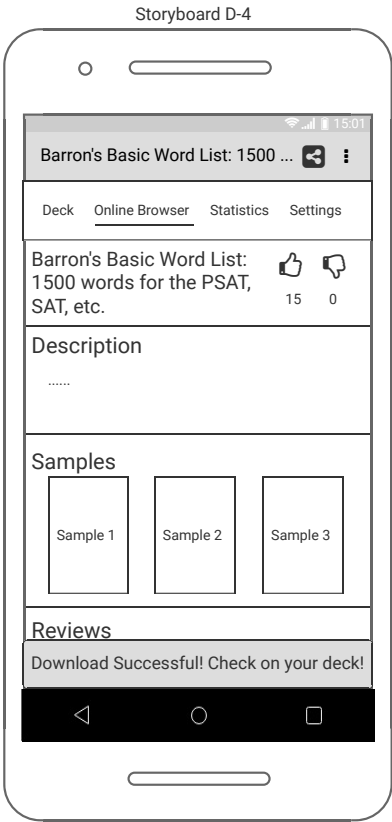
User action: Press the "Deck" tab above to check my deck

Storyboard D-5

AnkiDroid ⋮

Deck · Online Browser · Statistics · Settings

🔍

Barron's
Basic
Word List:
1500 ...
⋮   ➕