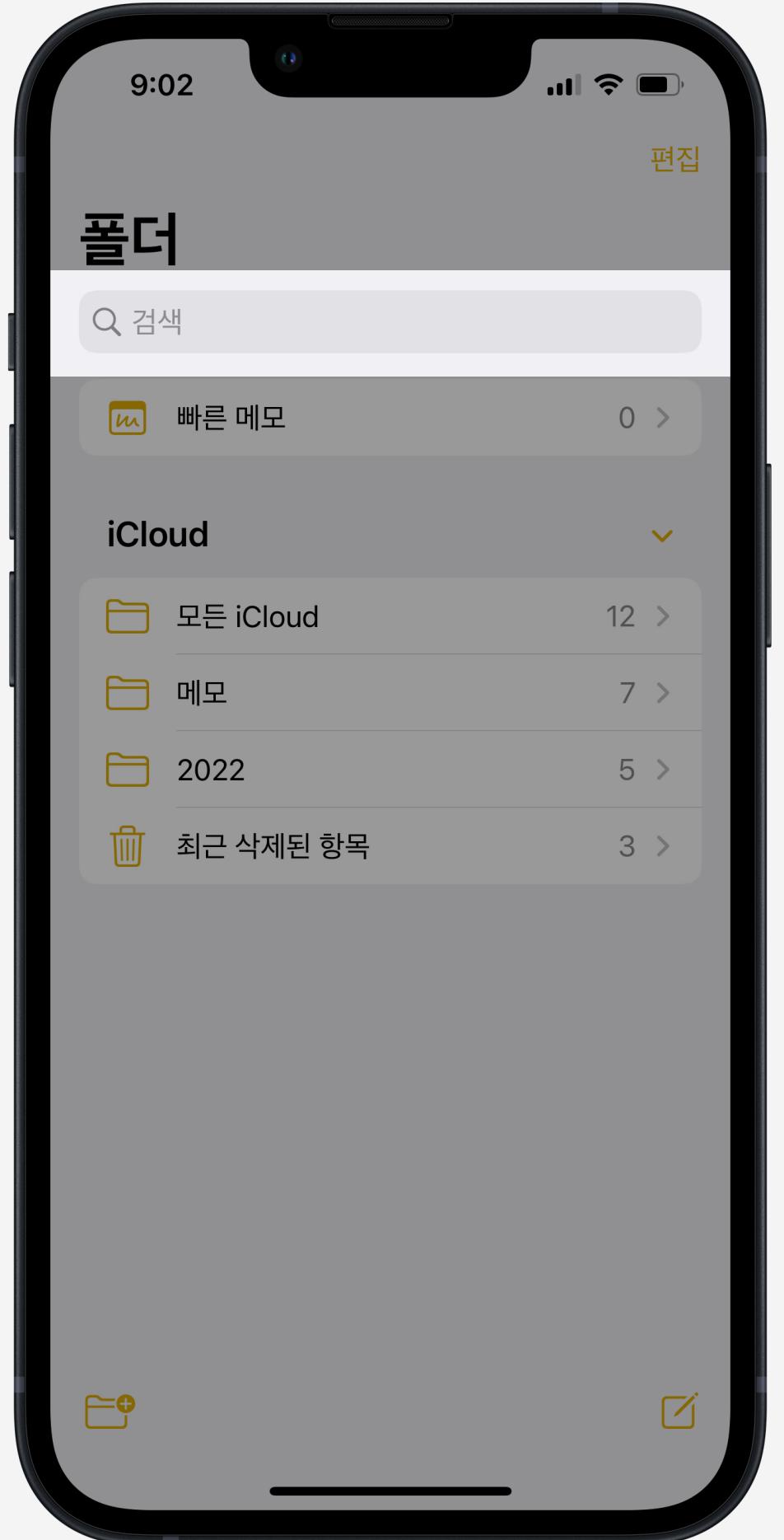


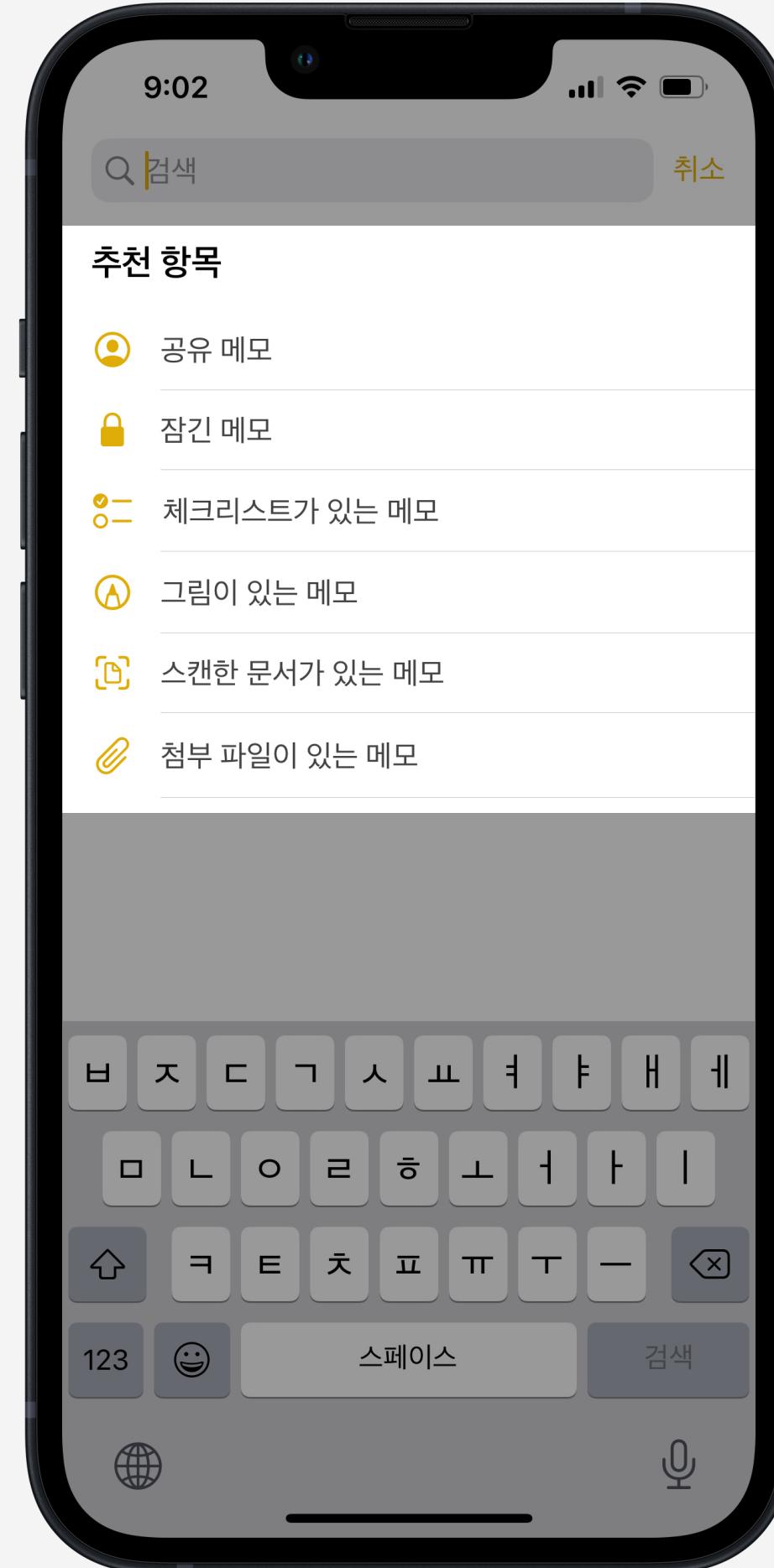
 Craft search experiences in SwiftUI

WWDC21

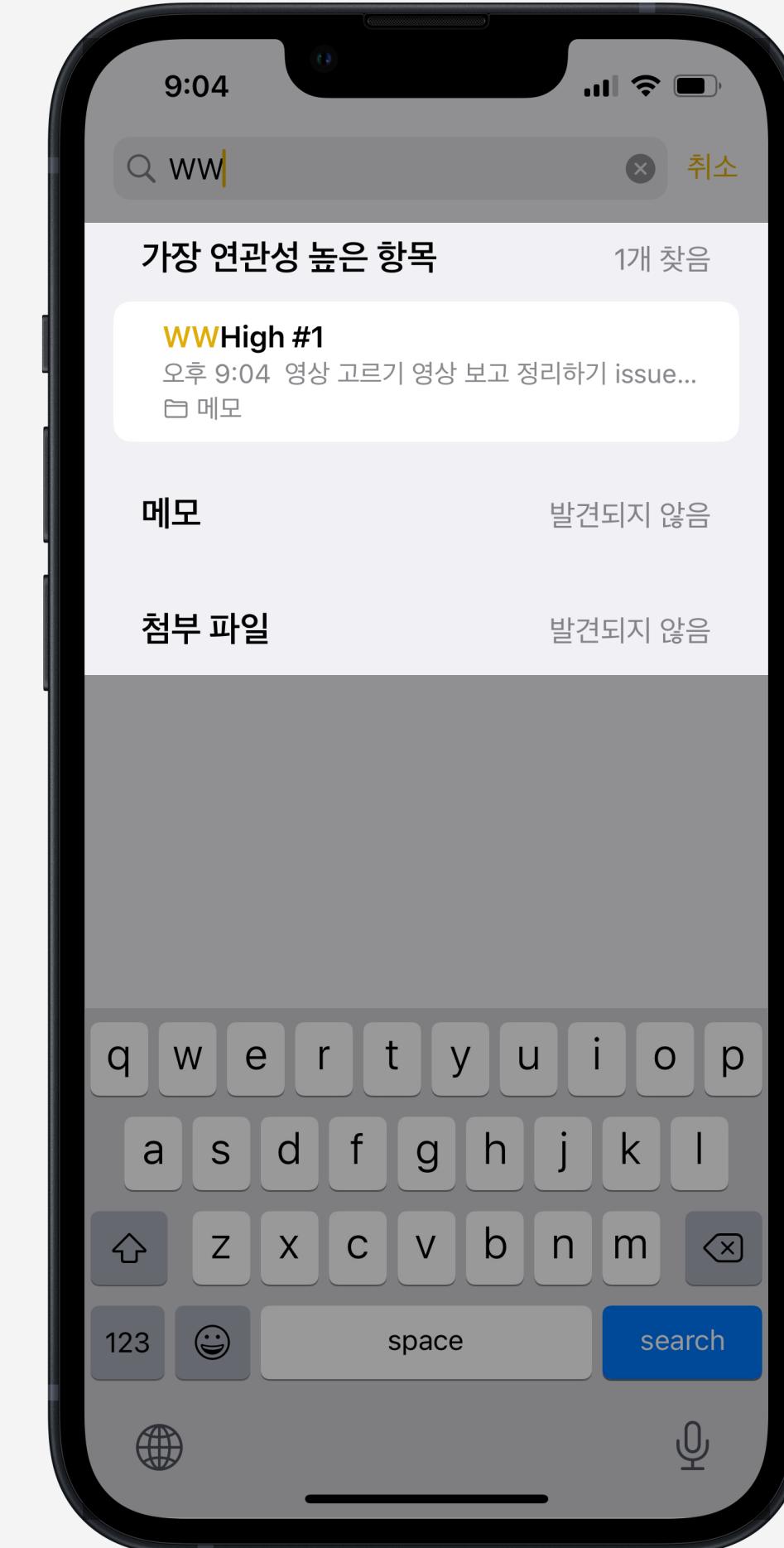
Native Search



Search Bar



Search Suggestions

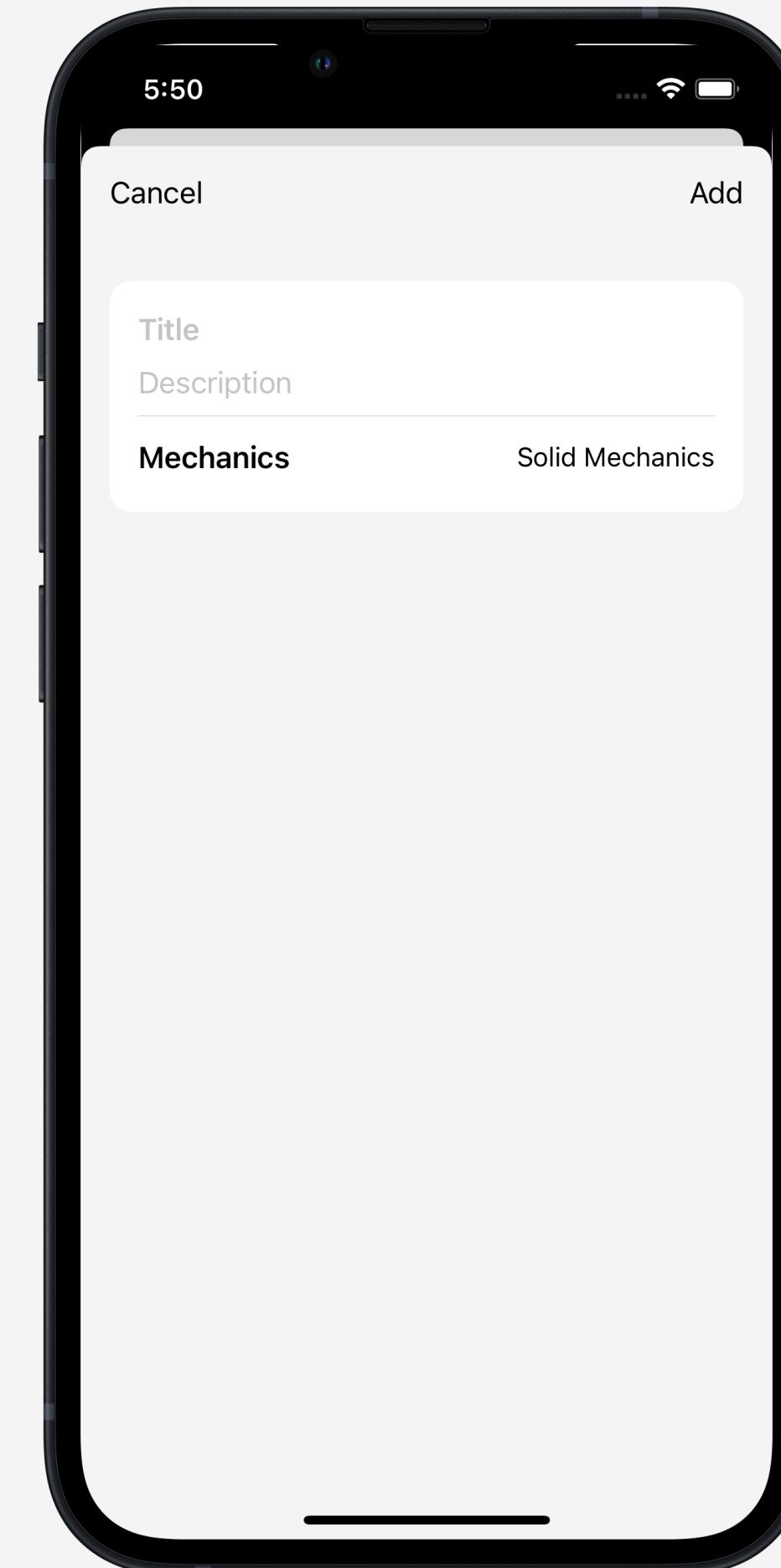
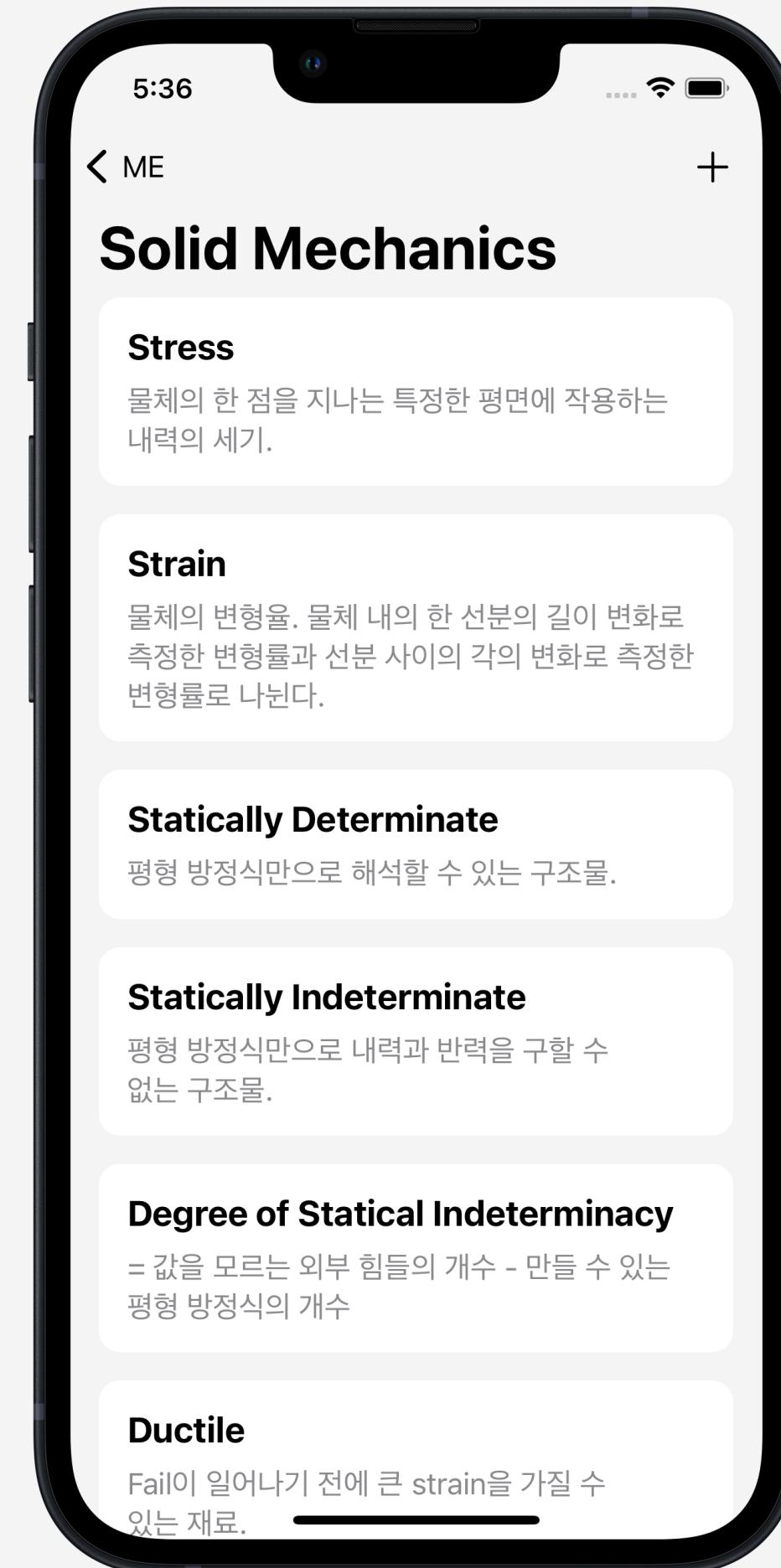
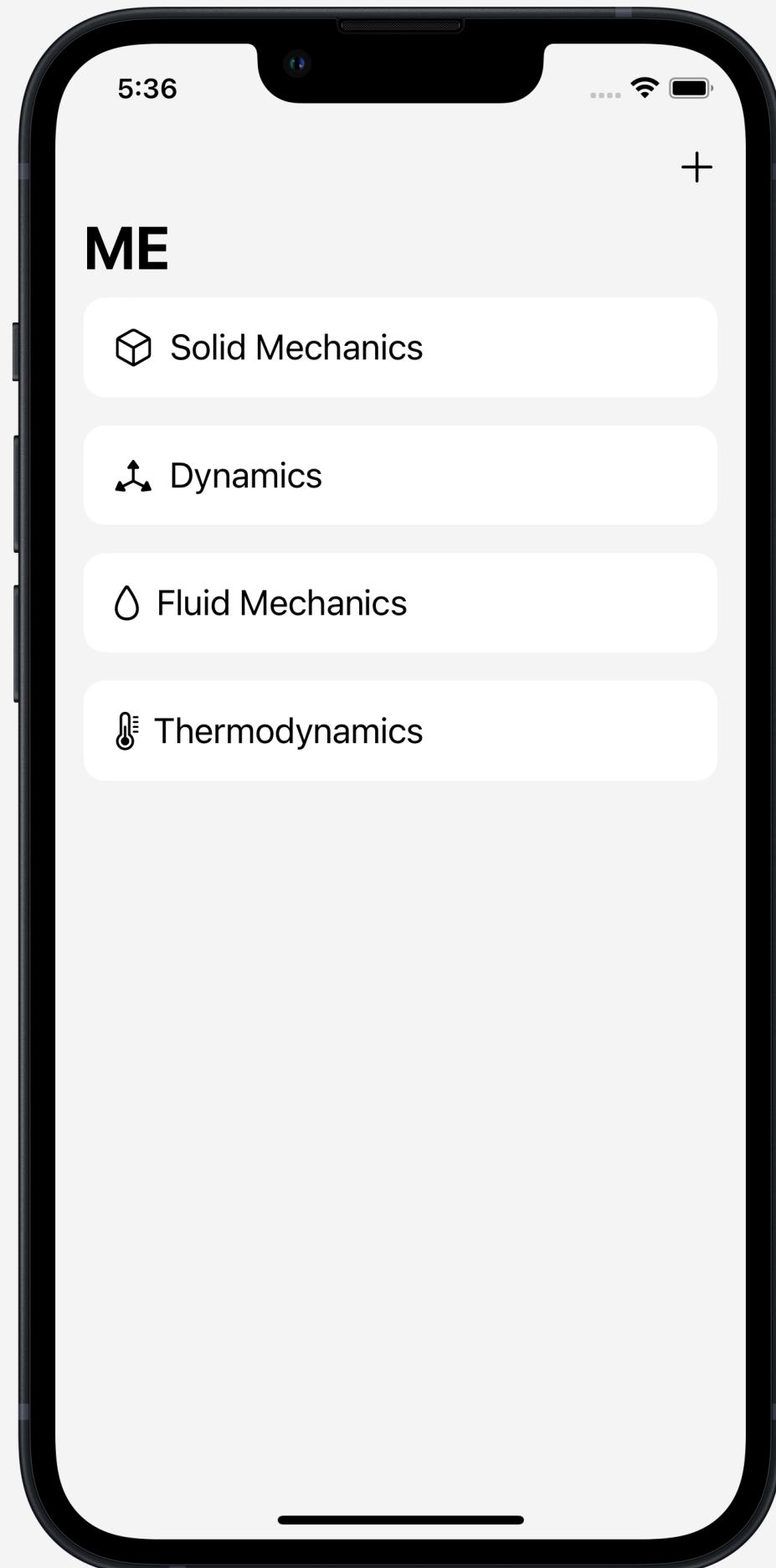


Search Results

.searchable

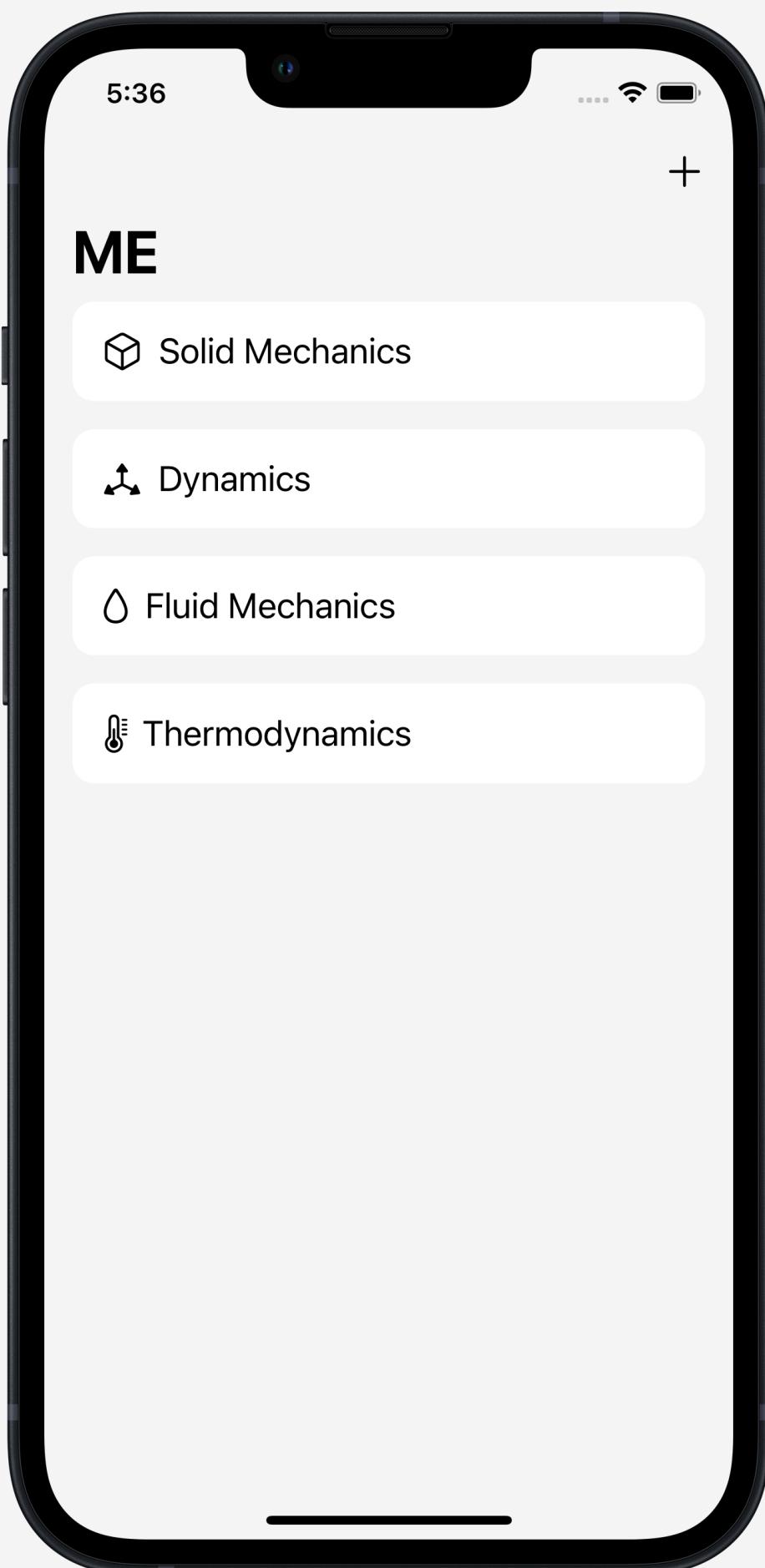
ME

Mechanical Engineering



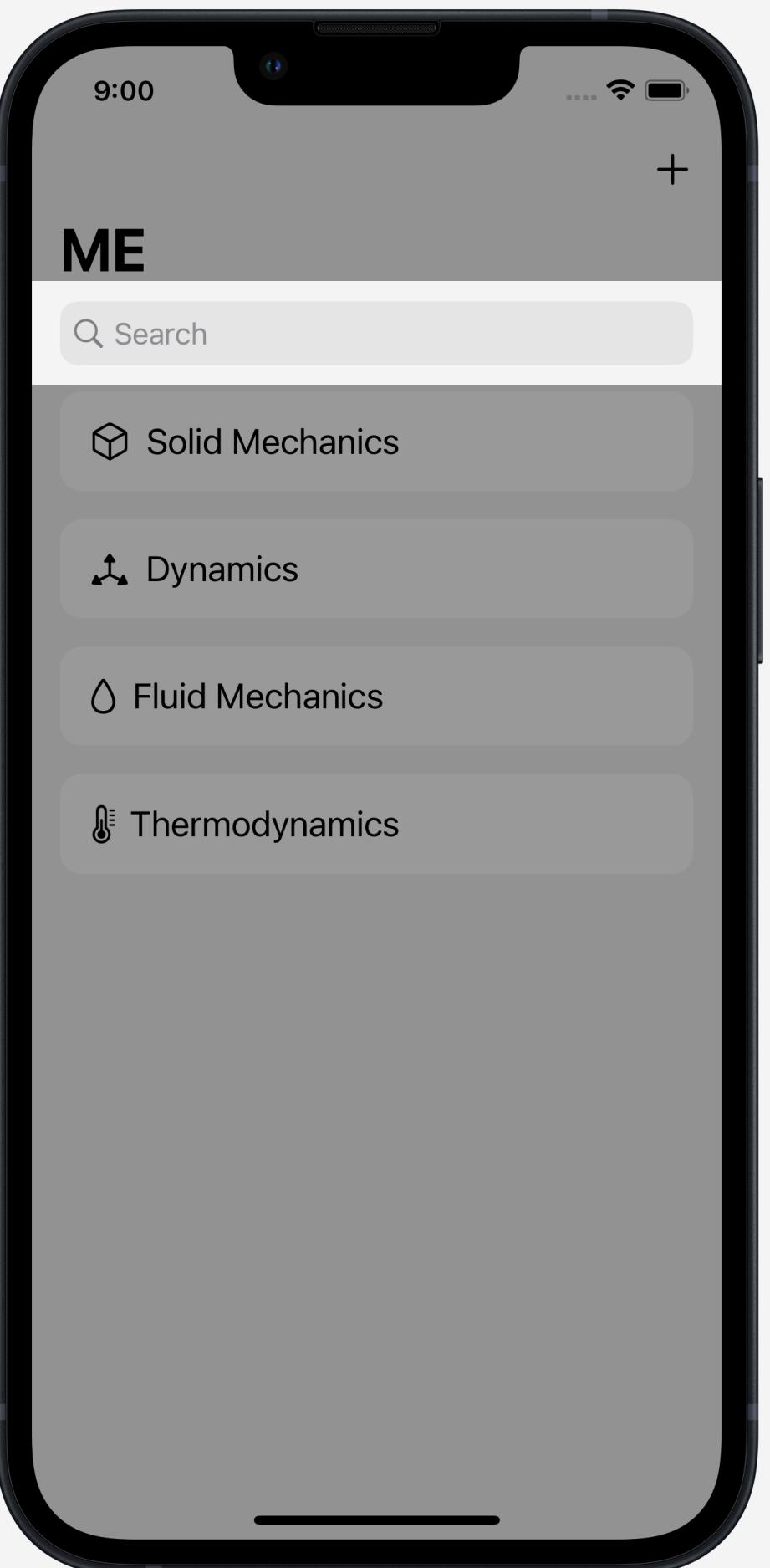
.searchable

```
NavigationView {  
    MechanicsList()  
}
```



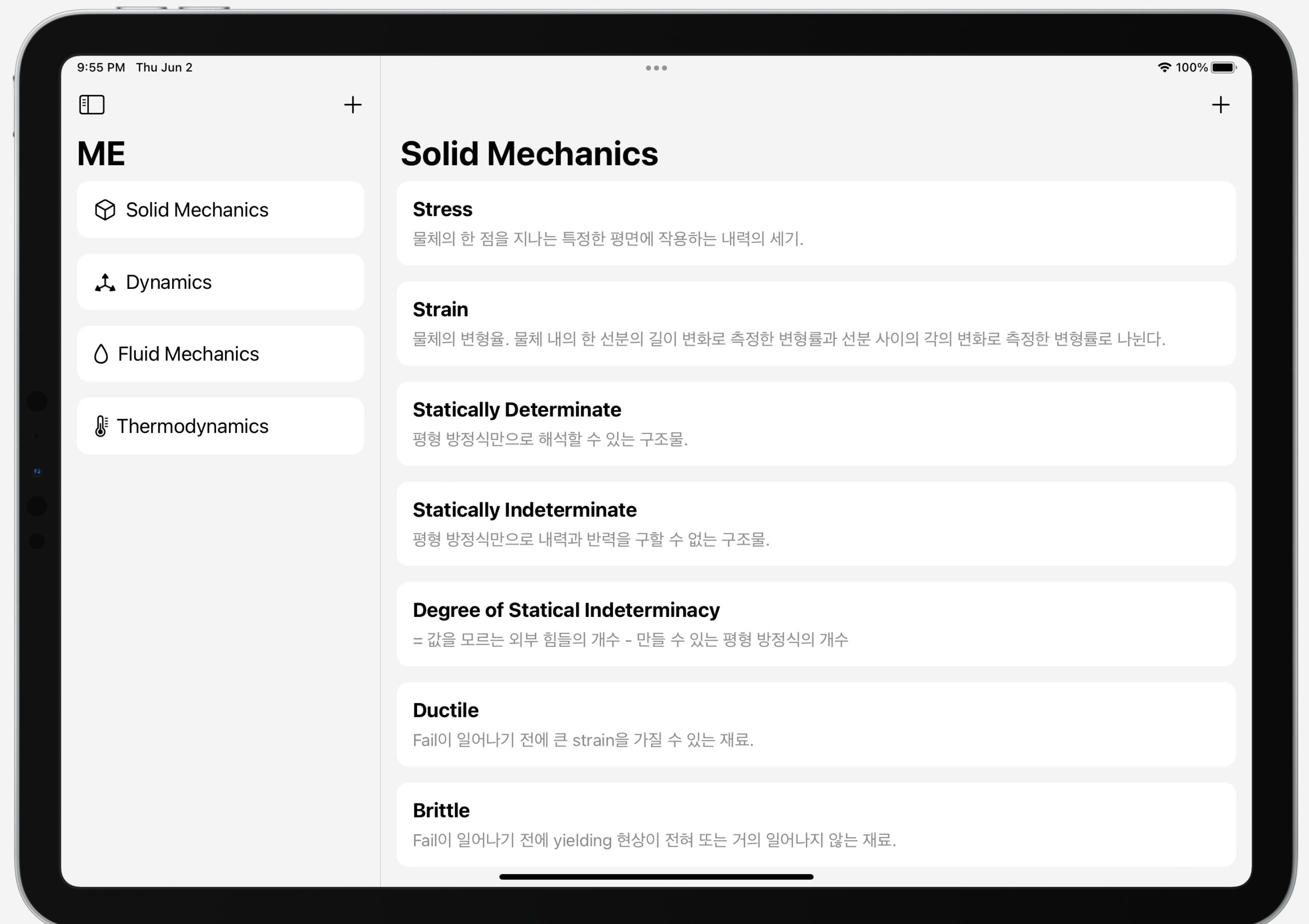
.searchable

```
@State private var text: String = ""  
  
NavigationView {  
    MechanicsList()  
}  
.searchable(text: $text)
```



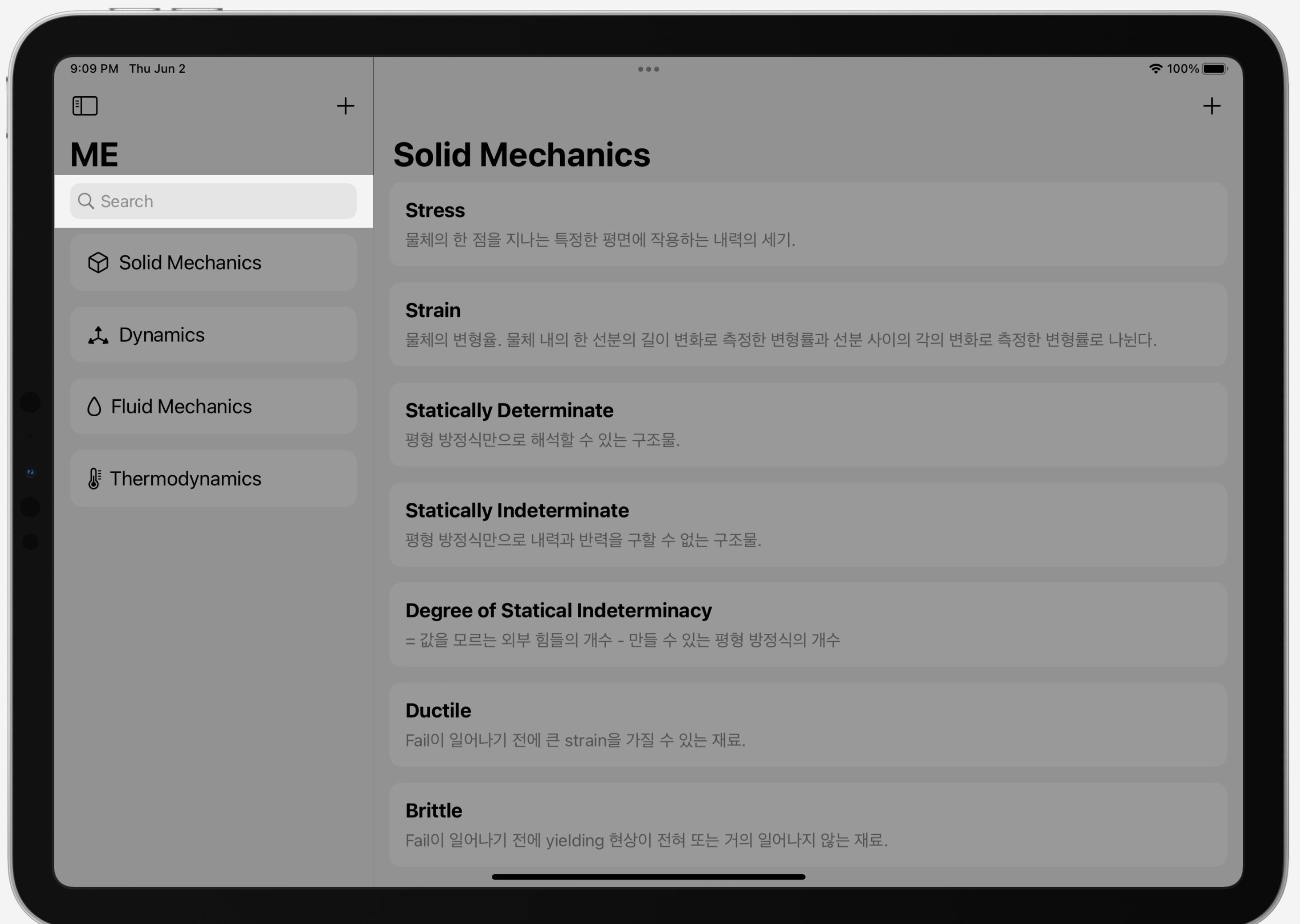
.searchable

```
NavigationView {  
    Sidebar()  
    DetailView()  
}
```



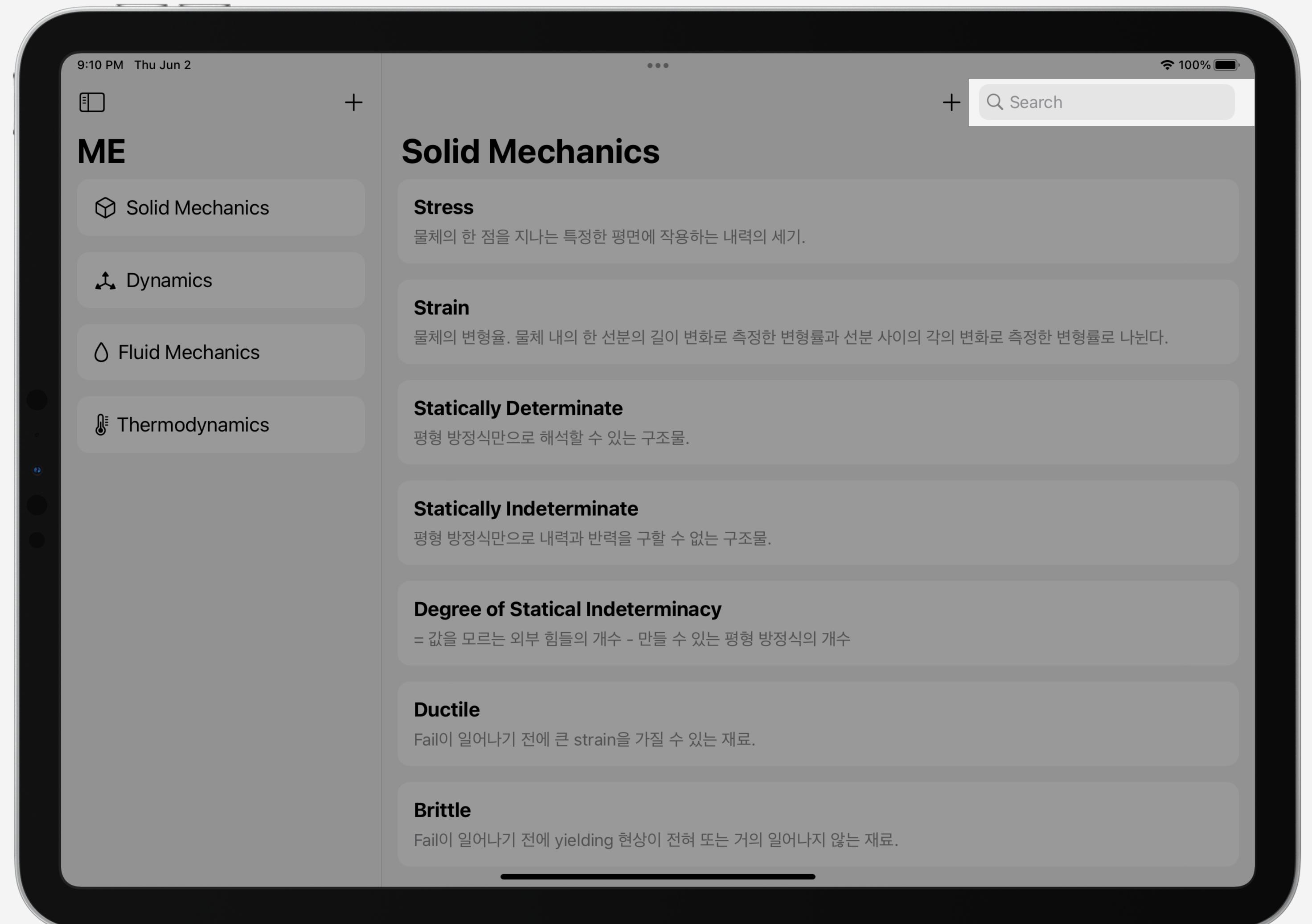
.searchable

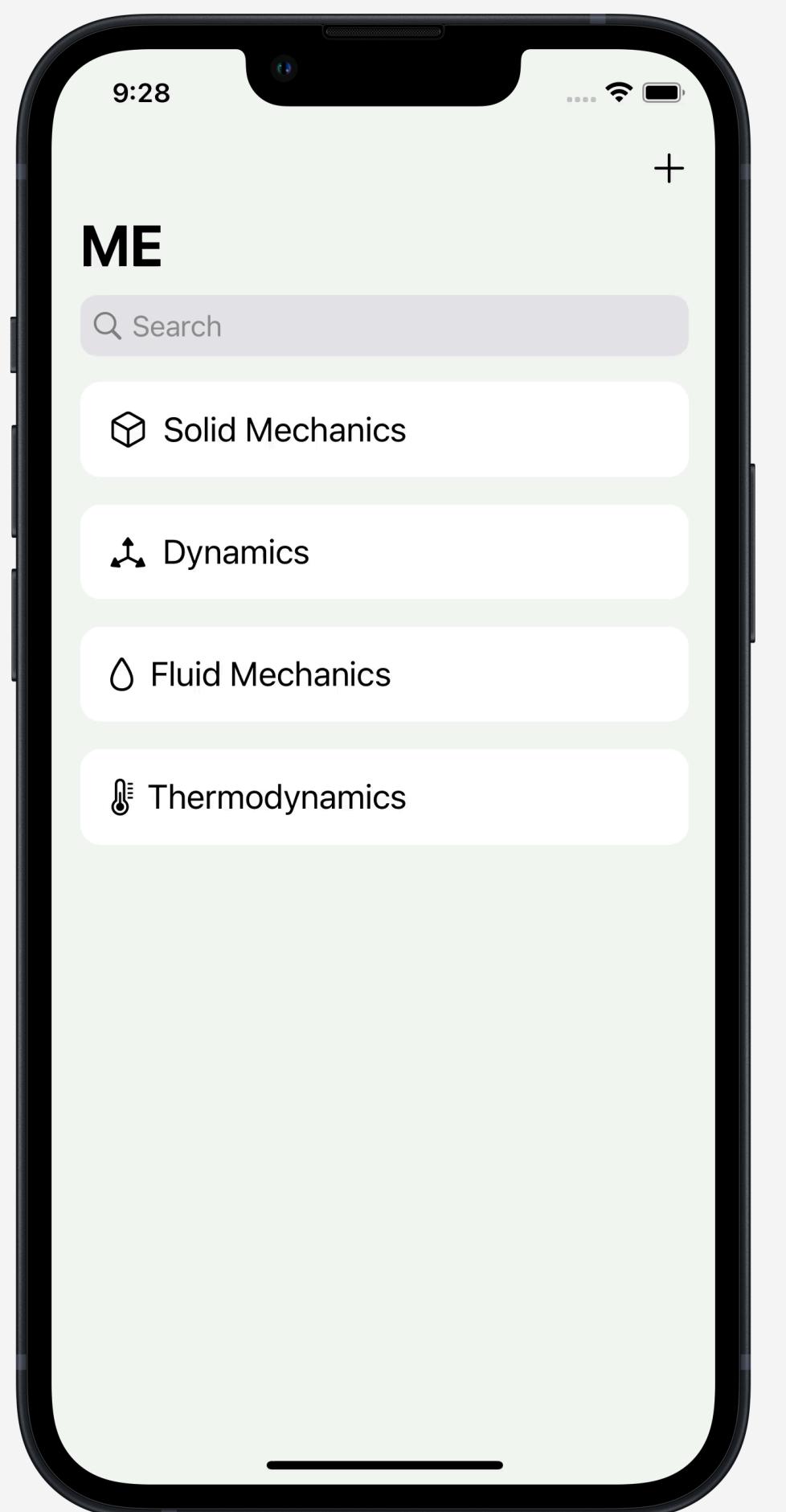
```
NavigationView {  
    Sidebar()  
    DetailView()  
}  
.searchable(text: $text)
```

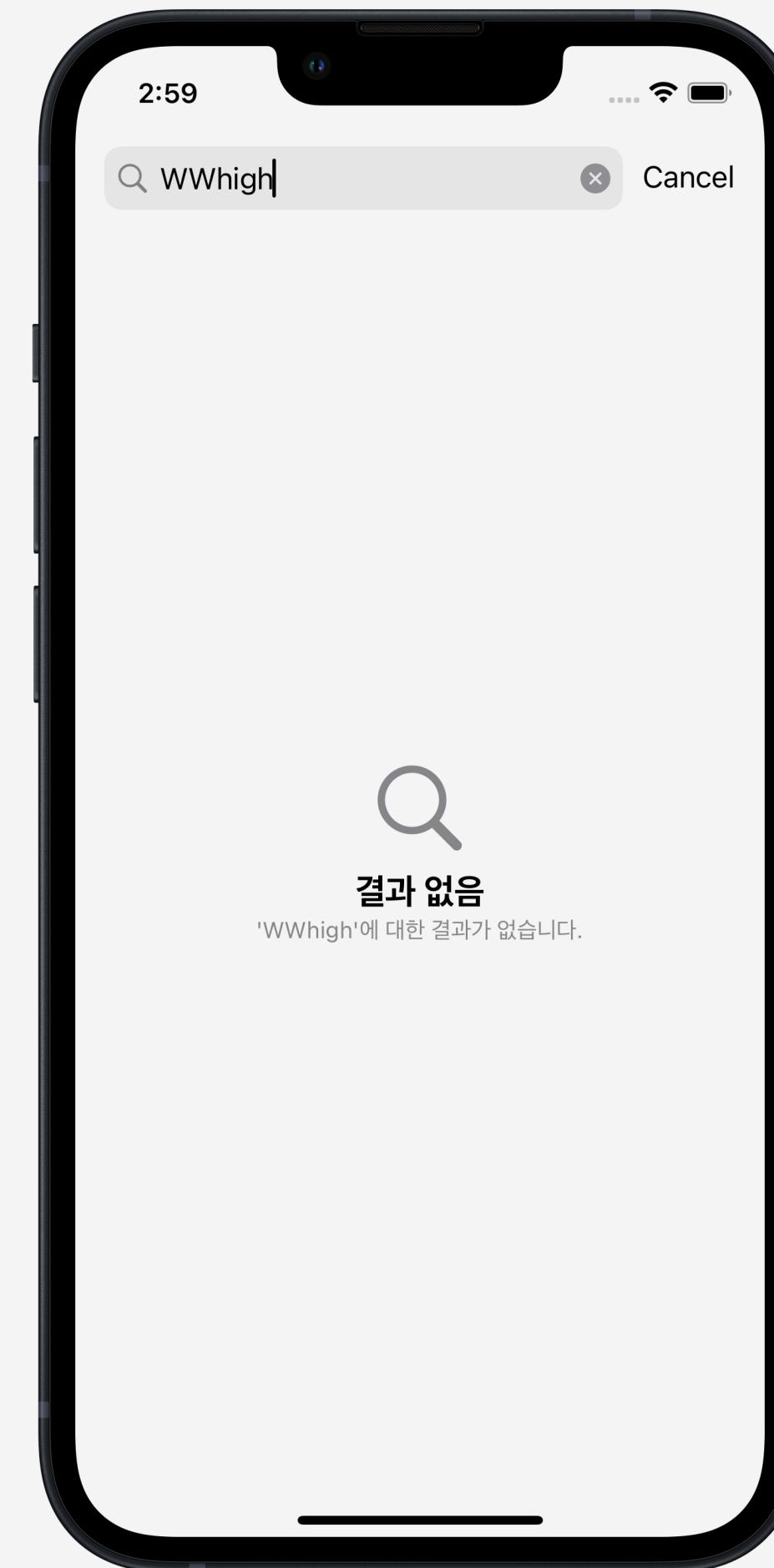
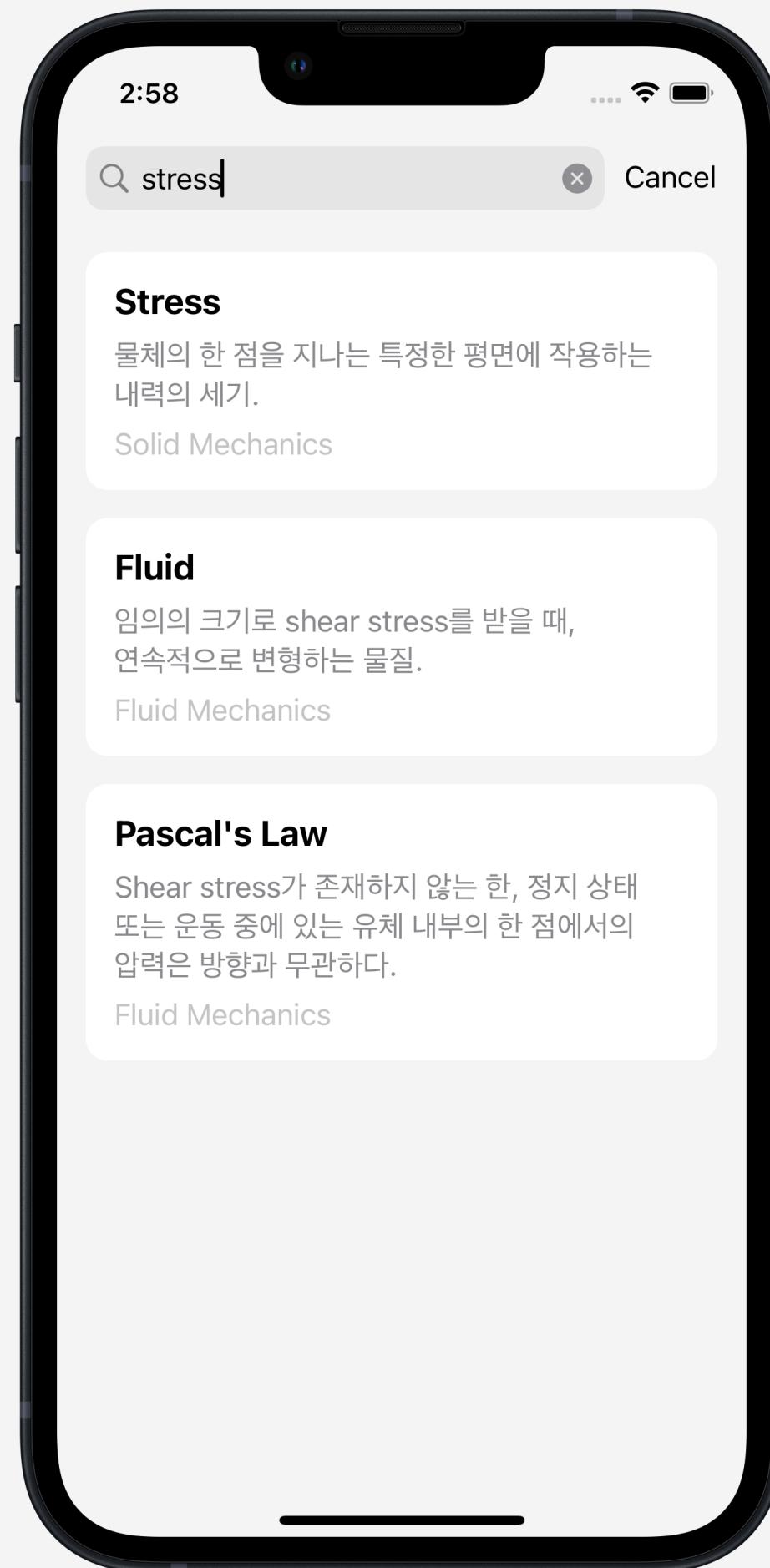


.searchable

```
NavigationView {  
    Sidebar()  
    DetailView()  
    .searchable(text: $text)  
}
```

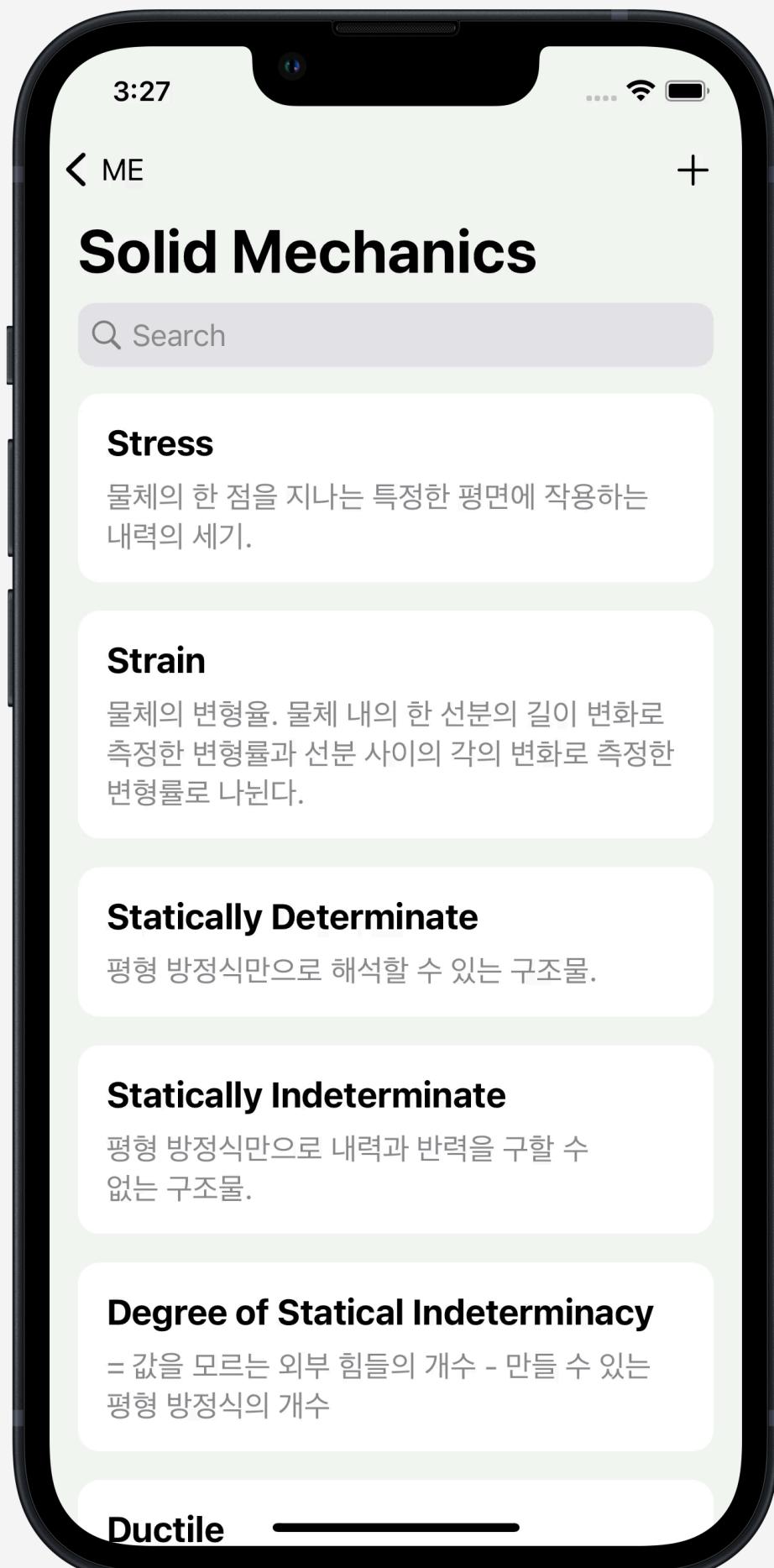






Add Search Results View

```
NavigationView {  
    MechanicsList()  
}  
.overlay {  
    if !text.isEmpty {  
        SearchResults(text: $text, dataForSearch: data)  
    }  
}  
.searchable(text: $text)
```

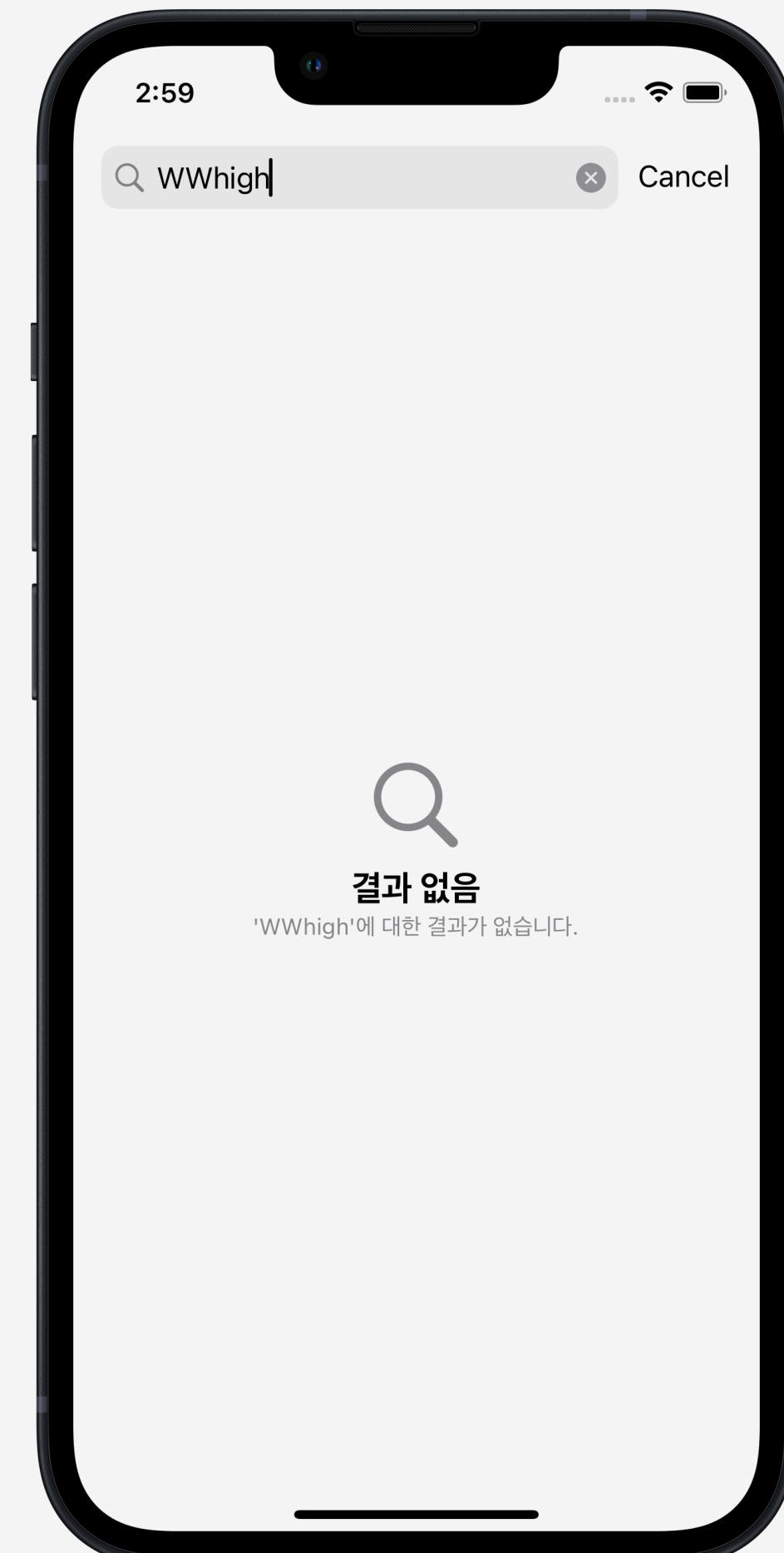
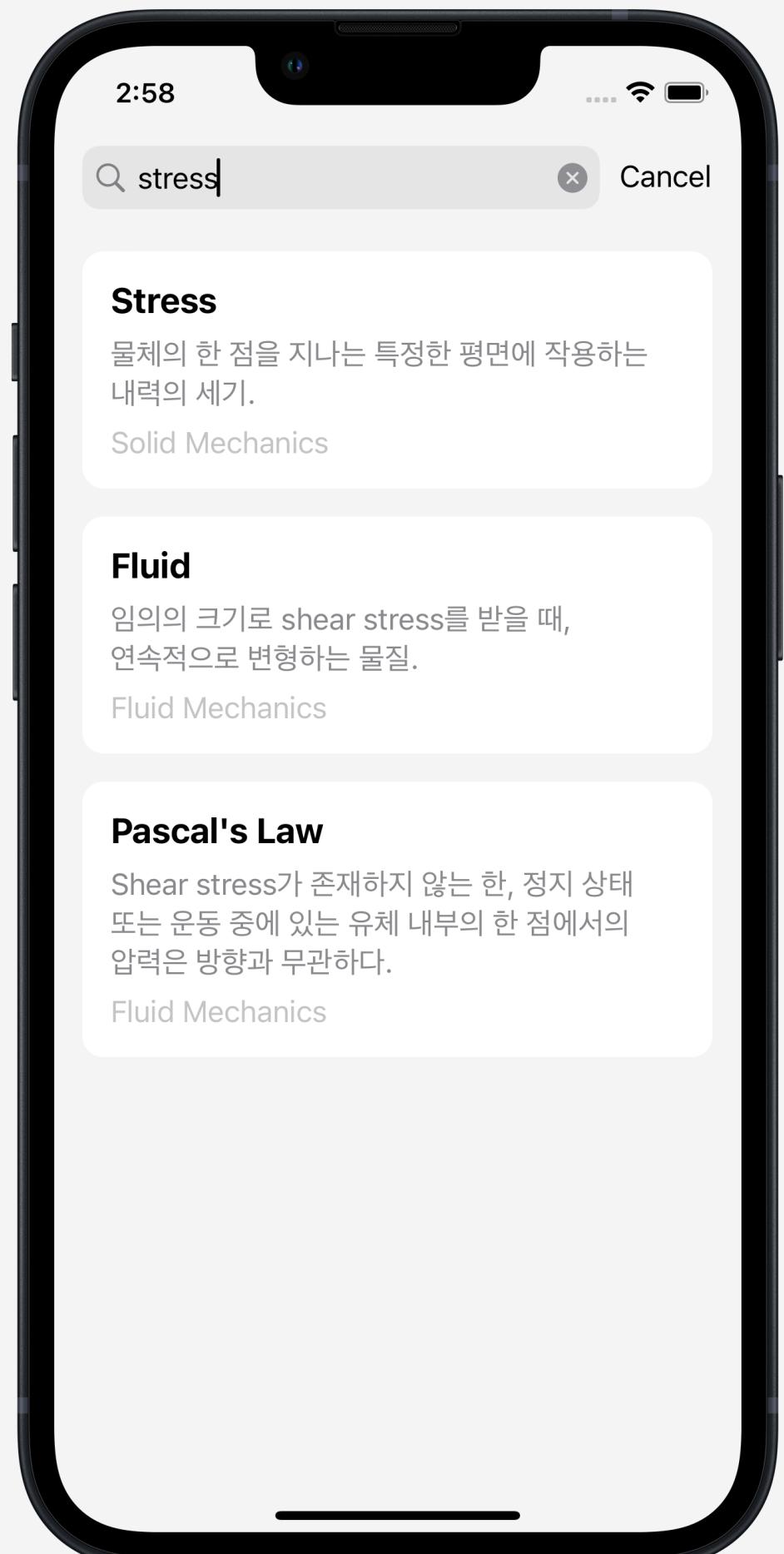


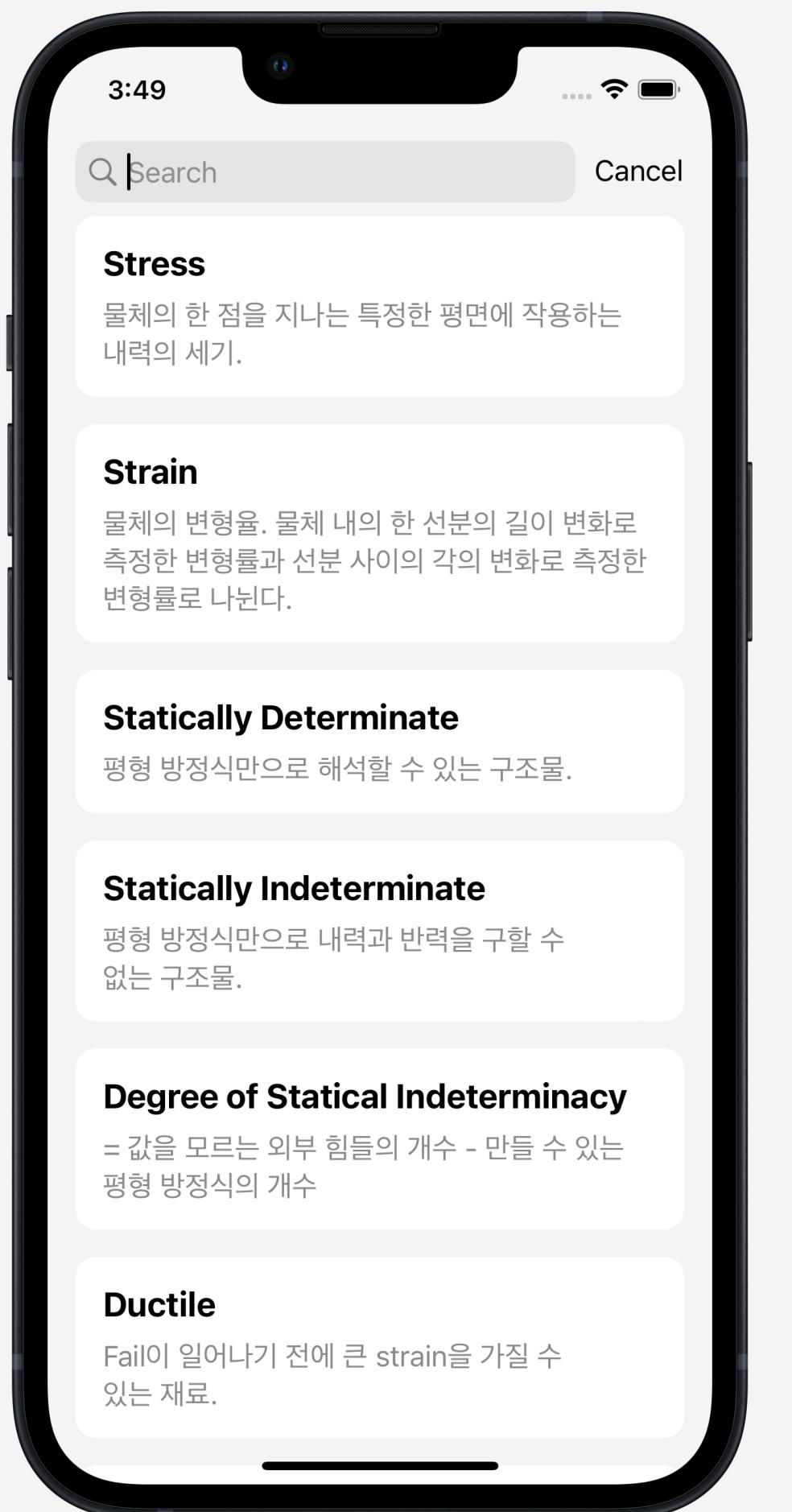
Add Search Results View

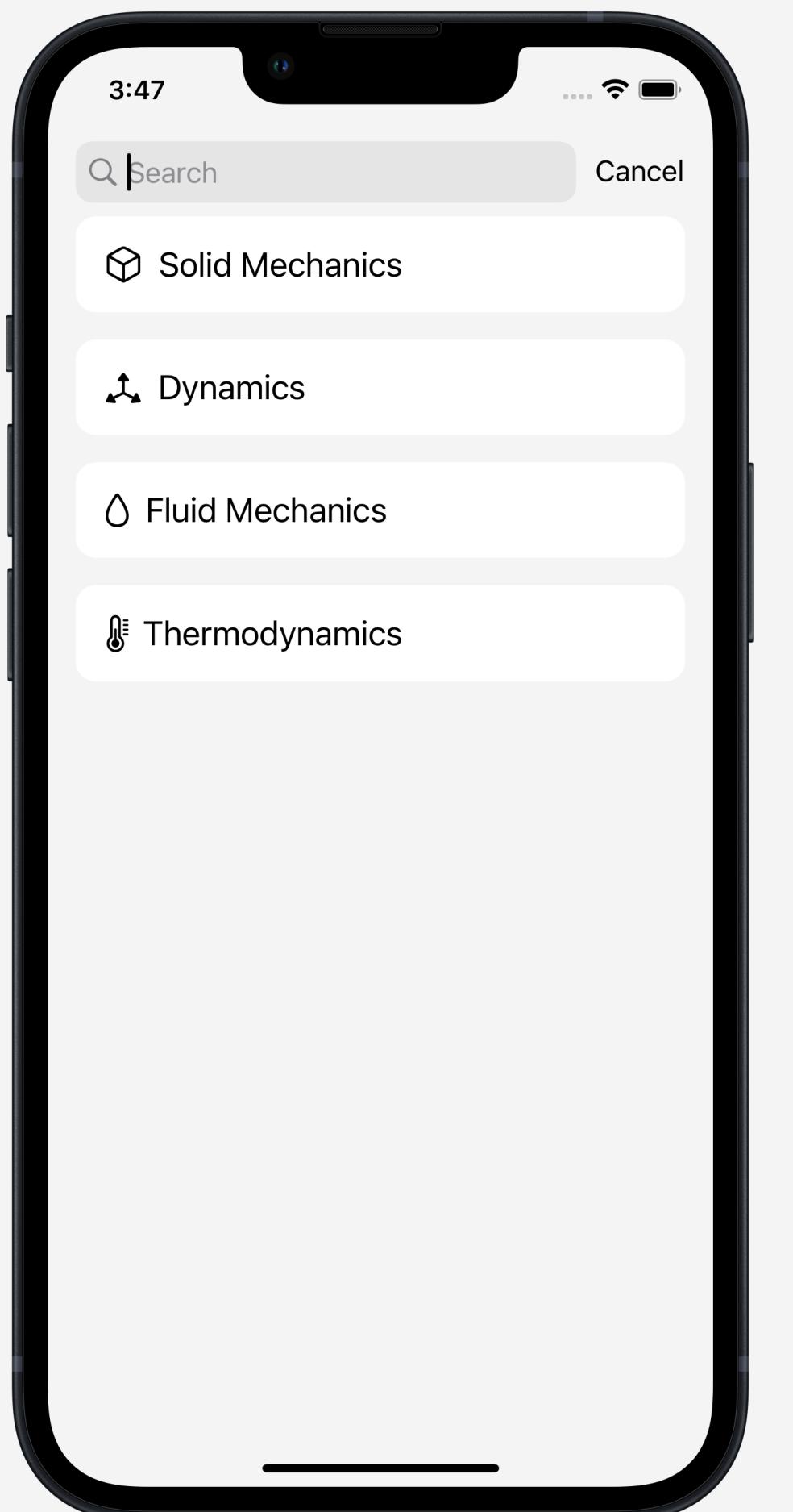
```
struct SearchResults: View

var dataForSearch: [Chapter]
var searchedResults: [Chapter] {
    return dataForSearch.filter { ... }
}

if searchedResults.isEmpty {
    noResults
} else {
    ScrollView {
        results
    }
}
```







Search Suggestion

검색

- 인기 검색어
- 넷플릭스
- 인터파크 모바일티켓
- 에버랜드
- 따릉이앱
- 하나원큐
- 아웃백스테이크
- zenly
- selfood
- 그린카 – 대한민국 no.1 카셰어링
- 타다택시

카테고리

업데이트 2

민 민채호

추천 앱

사진 프로젝트 인쇄하기

<Mimeo Photos>로 책, 달력, 카드 등을 만들어 보세요.

경지에 오르다

더 주목받는 발표하기

Keynote 또는 시연을 시각적으로 업그레이드하세요.

시작하기

M1 탑재 Mac과 찰떡궁합

강력해진 M1을 완벽하게 활용하는 방법.

2

suggestions

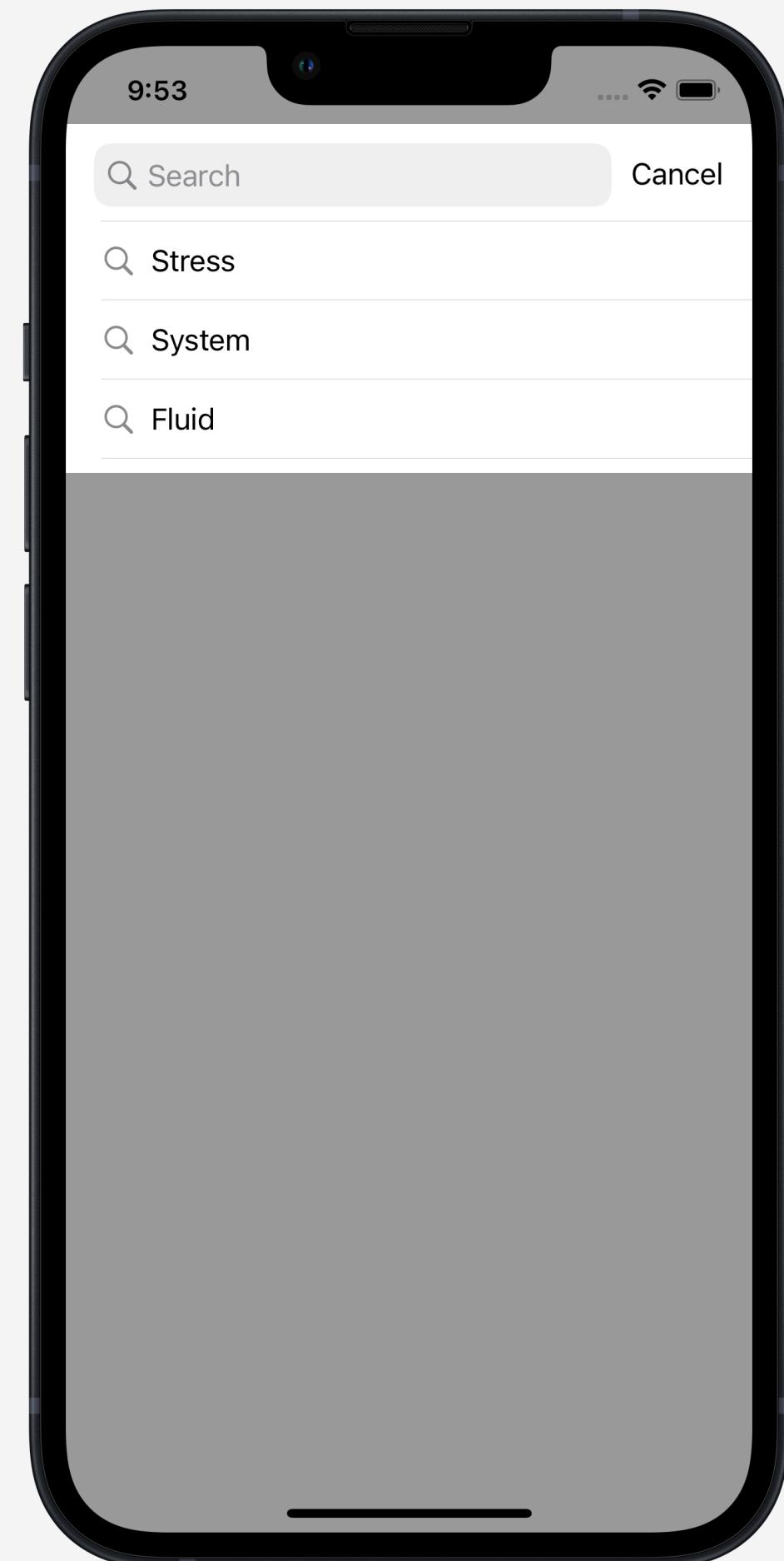
```
public func searchable<S>(text: Binding<String>, placement:  
    SearchFieldPlacement = .automatic, prompt: Text? = nil,  
    @ViewBuilder suggestions: () -> S) -> some View where S : View
```

suggestions

```
.searchable(text: $text) {  
}
```

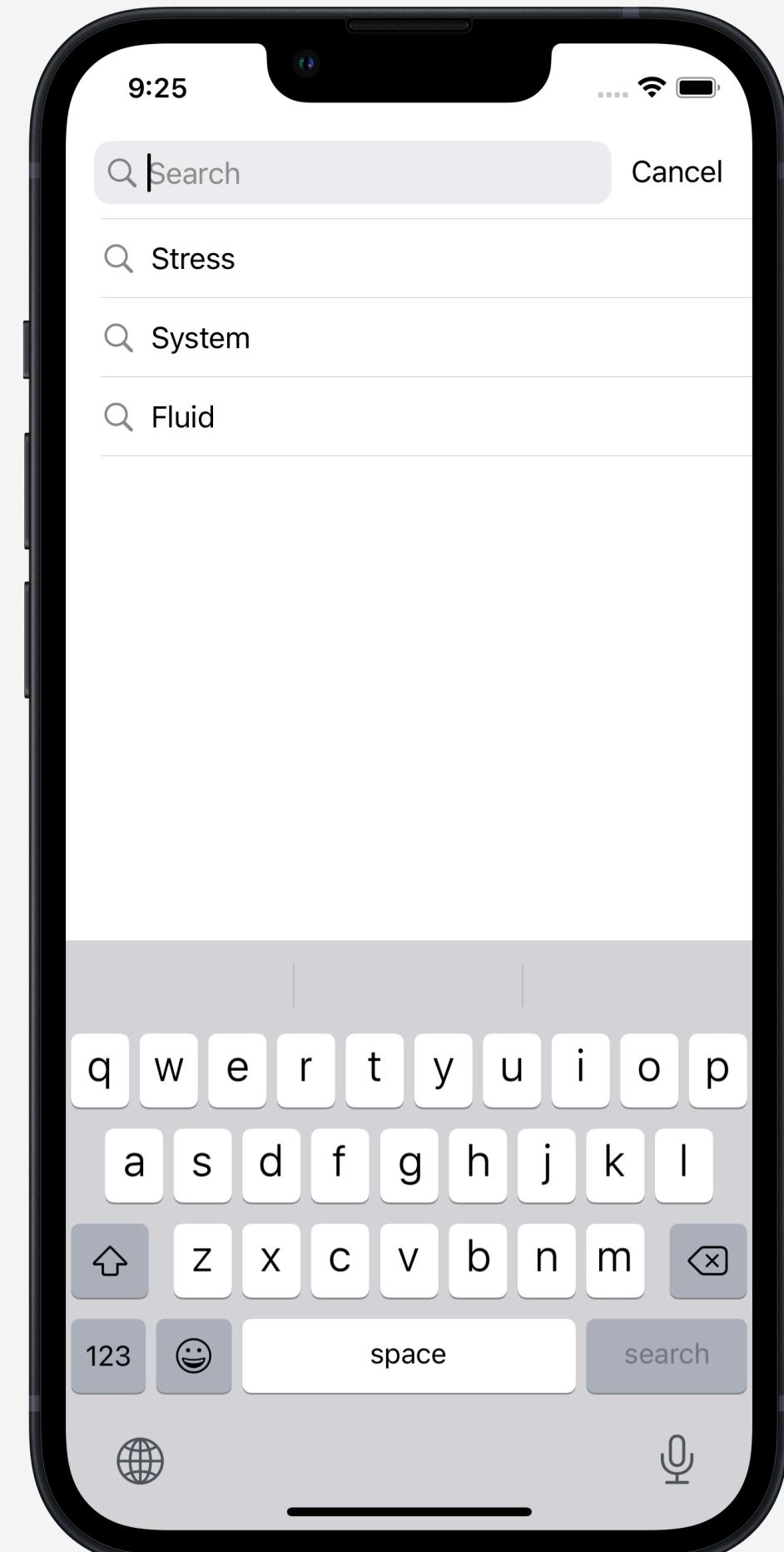
suggestions

```
.searchable(text: $text) {  
    Button {  
        text = "Stress"  
    } label: {  
        suggestionLabel(suggest: "Stress")  
    }  
    Button {  
        text = "System"  
    } label: {  
        suggestionLabel(suggest: "System")  
    }  
    Button {  
        text = "Fluid"  
    } label: {  
        suggestionLabel(suggest: "Fluid")  
    }  
}
```



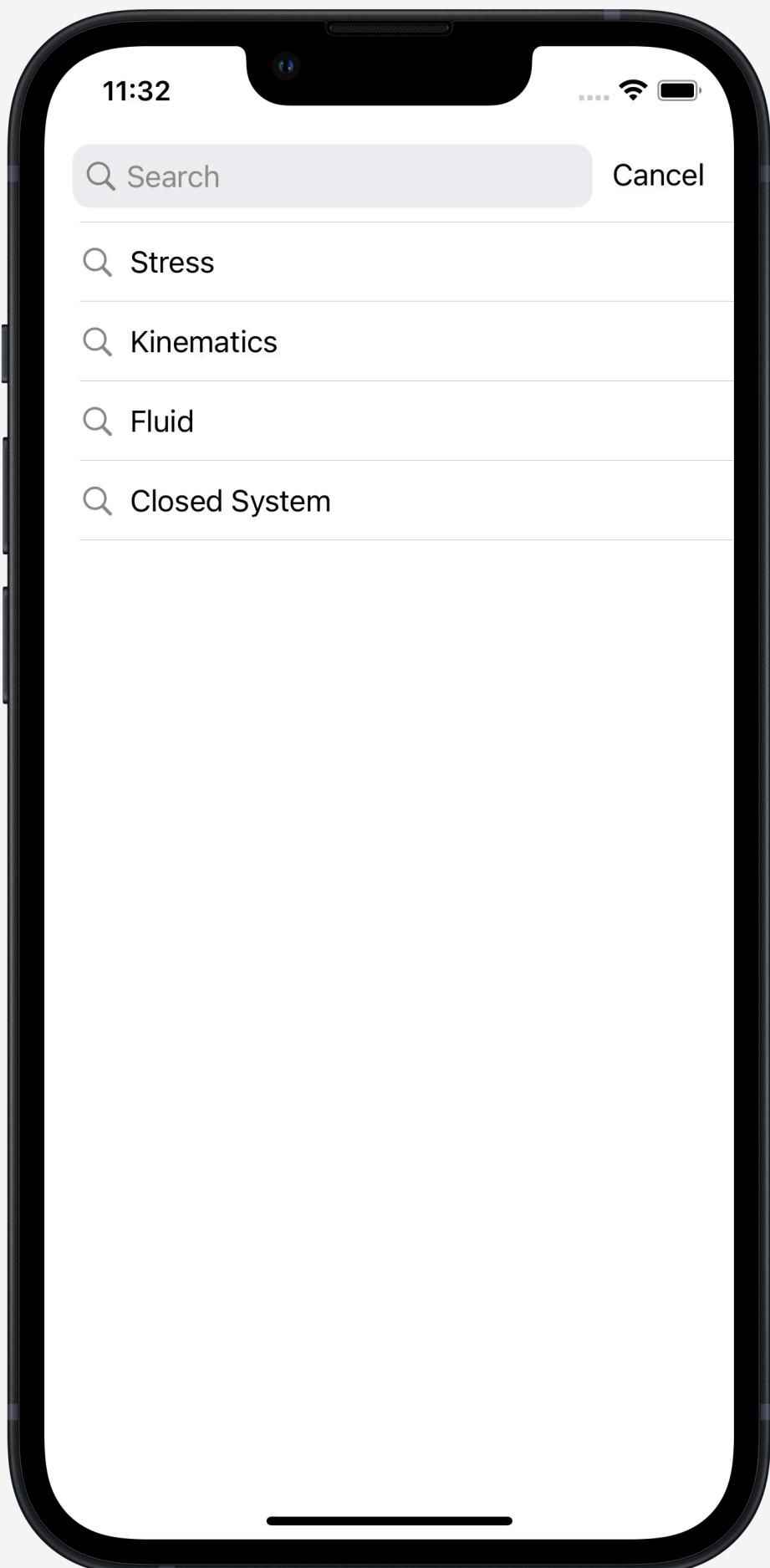
suggestions

```
.searchable(text: $text) {  
    suggestionLabel(suggest: "Stress")  
        .searchCompletion("Stress")  
  
    suggestionLabel(suggest: "System")  
        .searchCompletion("System")  
  
    suggestionLabel(suggest: "Fluid")  
        .searchCompletion("Fluid")  
}
```



suggestions

```
.searchable(text: $text) {  
    if text.isEmpty {  
        suggestionLabel(suggest: "Stress")  
            .searchCompletion("Stress")  
  
        suggestionLabel(suggest: "System")  
            .searchCompletion("System")  
  
        suggestionLabel(suggest: "Fluid")  
            .searchCompletion("Fluid")  
    }  
}
```



.onSubmit(of: .search)

```
.searchable(text: $text) {  
    searchSuggestions()  
}  
.onSubmit(of: .search) {  
    viewModel.filteringData()  
}
```

```
func filteringData() {  
    searchResult = data.filter {  
        $0.title.localizedCaseInsensitiveContains(text) ||  
        $0.description.localizedCaseInsensitiveContains(text)  
    }  
}
```

Thank You.