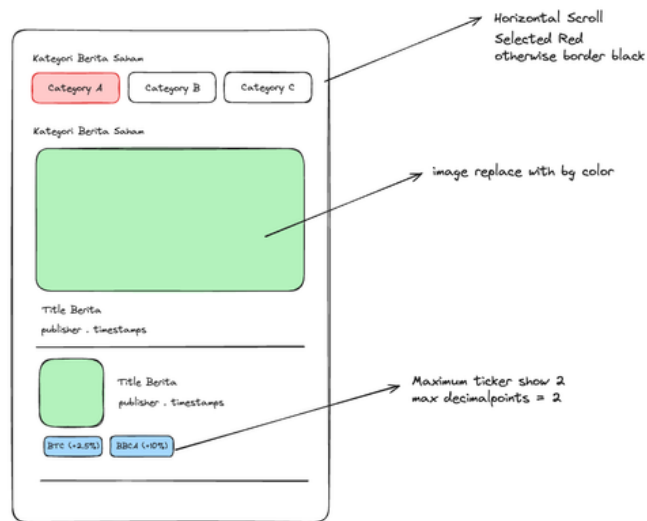


Live - Technical Solutions

Requirement:

- Must be using programmatically ui
- No breaking constraint
- The project should be able to compile and run in the simulator.
- If the project can attach **animation**, and adopt **modularization**, it will be added as a **plus point**.

1. Create News Page



Live Project

Headline Response

- Image News → Use random color
Title Berita → key: Title
Publisher → key: source
Timestamps → key: pub_date (DD / MMM / YYYY)
- Blue Pills:
BTC / BBCA → key: prices[index].code
Percentage → key: prices[index].change_pct (convert it to percentage)
- Link used to open detail page using `WebView`

Category Response

```
1 {
2   "results": [
3     {
4       "id": 2,
5       "is_active": true,
6       "name": "Watchlist"
7     },
8     {
9       "id": 1,
```

```
10     "is_active": true,
11     "name": "Semua"
12 },
13 {
14     "id": 4,
15     "is_active": true,
16     "name": "Aset Kripto"
17 },
18 {
19     "id": 3,
20     "is_active": false,
21     "name": "Saham"
22 },
23 {
24     "id": 18,
25     "is_active": true,
26     "name": "Barang Baku"
27 },
28 {
29     "id": 21,
30     "is_active": false,
31     "name": "Energi"
32 },
33 {
34     "id": 23,
35     "is_active": true,
36     "name": "Kesehatan"
37 },
38 {
39     "id": 22,
40     "is_active": true,
41     "name": "Keuangan"
42 },
43 {
44     "id": 19,
45     "is_active": true,
46     "name": "Non Primer"
47 },
48 {
49     "id": 20,
50     "is_active": true,
51     "name": "Primer"
52 },
53 {
54     "id": 27,
55     "is_active": true,
56     "name": "Teknologi"
57 },
58 {
59     "id": 30,
60     "is_active": true,
61     "name": "LQ45"
62 },
63 {
64     "id": 29,
65     "is_active": true,
66     "name": "MANUFACTUR"
67 }
```

```
68 ]
69 }
```

News List Response

```
1  {
2    "results": [
3      {
4        "source": "CNBC Indonesia",
5        "pub_date": "2024-01-23T07:05:00.000",
6        "id": 187306,
7        "prices": [
8          {
9            "code": "BBCA",
10           "change_pct": -0.0078125,
11           "price": 9525
12         },
13         {
14           "code": "BBNI",
15           "change_pct": 0.004608295,
16           "price": 5450
17         },
18         {
19           "code": "BBRI",
20           "change_pct": -0.01754386,
21           "price": 5600
22         }
23       ],
24       "title": "Minimal Saldo Tabungan BCA, Mandiri, BNI, dan BRI, Ada yang Nol Rupiah",
25       "link": "https://www.cnbcindonesia.com/market/20240123064144-17-508152/minimal-saldo-tabungan-bca-mandiri",
26       "type": "STOCK"
27     },
28     {
29       "source": "IDX Channel",
30       "pub_date": "2024-01-21T18:06:00.000",
31       "id": 185964,
32       "prices": [
33         {
34           "code": "SMGR",
35           "change_pct": 0.0041841,
36           "price": 6000,
37         },
38         {
39           "code": "KOPI",
40           "change_pct": -0.03592814,
41           "price": 322
42         },
43         {
44           "code": "JAWA",
45           "change_pct": -0.02531646
46           "price": 154
47         }
48       ],
49       "title": "Perluas Lapangan Kerja Lewat Hilirisasi Produk Kopi, Begini Strategi SIG (SMGR)",
50       "link": "https://www.idxchannel.com/amp/market-news/perluas-lapangan-kerja-lewat-hilirisasi-produk-kopi-b",
51       "type": "STOCK"
52     },
53     {
54       "source": "Detikcom",
```

```
55     "pub_date": "2024-01-21T17:30:08.000",
56     "id": 185948,
57     "prices": [
58         {
59             "code": "BBCA",
60             "change_pct": -0.0078125,
61             "price": 9525
62         },
63         {
64             "code": "MASA",
65             "change_pct": -0.00243309,
66             "price": 4100
67         },
68         {
69             "code": "BANK",
70             "change_pct": -0.07786885,
71             "price": 1125
72         }
73     ],
74     "title": "Perusahaan Alat Tulis-Mainan Mau IPO, Duitnya Buat Bayar Utang ke BCA Rp 50 M",
75     "link": "https://finance.detik.com/bursa-dan-valas/d-7152830/perusahaan-alat-tulis-mainan-mau-ipo-duitnya",
76     "type": "STOCK"
77 },
78 {
79     "source": "Fortune IDN",
80     "pub_date": "2024-01-19T14:44:00.000",
81     "id": 184578,
82     "prices": [
83         {
84             "code": "BBCA",
85             "change_pct": -0.0078125,
86             "price": 9525
87         },
88         {
89             "code": "BANK",
90             "change_pct": -0.07786885,
91             "price": 1125
92         },
93         {
94             "code": "PADA",
95             "change_pct": 0,
96             "price": 50
97         }
98     ],
99     "title": "Berlaku Hari ini, Simak Biaya dan Limit Transaksi BCA Terbaru",
100     "link": "https://www.fortuneidn.com/finance/eko-wahyudi/berlaku-hari-ini-simak-biaya-dan-limit-transaksi-",
101     "type": "STOCK"
102 },
103 {
104     "source": "Detikcom",
105     "pub_date": "2024-01-19T09:27:26.000",
106     "id": 184166,
107     "prices": [
108         {
109             "code": "BBCA",
110             "change_pct": -0.0078125,
111             "price": 9525
112         },
```

```
113     {
114         "code": "BANK",
115         "change_pct": -0.07786885,
116         "price": 1125
117     },
118     {
119         "code": "AGAR",
120         "change_pct": 0,
121         "price": 107
122     }
123 ],
124 "title": "Biaya Admin dan Limit Transaksi BCA Naik Mulai Hari Ini, Jadi Segini",
125 "link": "https://finance.detik.com/moneter/d-7149302/biaya-admin-dan-limit-transaksi-bca-naik-mulai-hari-",
126 "type": "STOCK"
127 },
128 {
129     "source": "CNBC Indonesia",
130     "pub_date": "2024-01-19T09:00:02.000",
131     "id": 184146,
132     "prices": [
133         {
134             "code": "BBCA",
135             "change_pct": -0.0078125,
136             "price": 9525
137         },
138         {
139             "code": "BANK",
140             "change_pct": -0.07786885,
141             "price": 1125
142         },
143         {
144             "code": "BLUE",
145             "change_pct": -0.01104972,
146             "price": 358
147         }
148     ],
149     "title": "Biaya Admin Tabungan Xpresi BCA Hari Ini Resmi Naik Jadi Segini",
150     "link": "https://www.cnbcindonesia.com/market/20240119081050-17-507152/biaya-admin-tabungan-xpresi-bca-ha",
151     "type": "STOCK"
152 }
153 ]
154 }
```