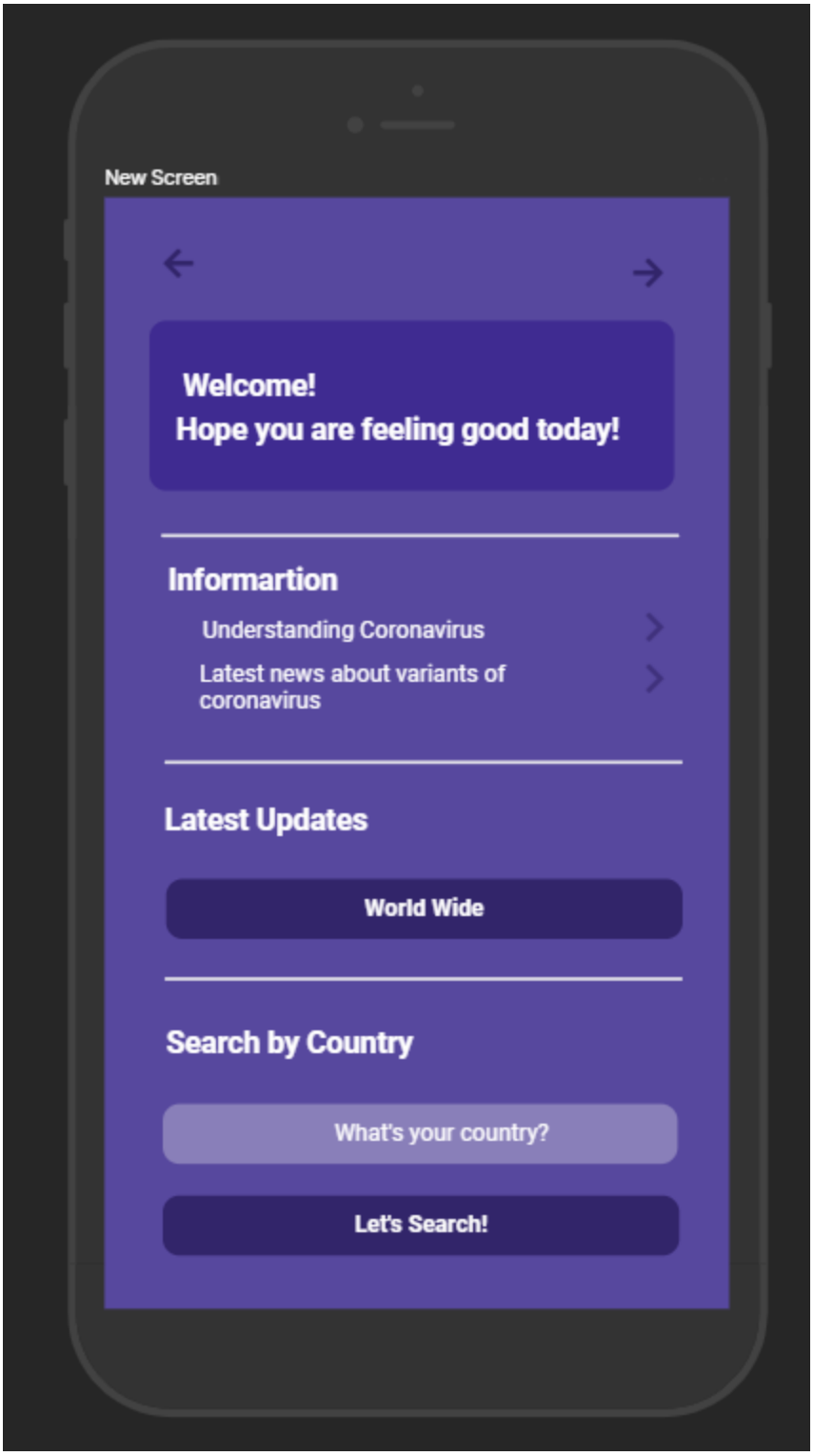
App wireframes


New Screen
Welcome!
Hope you are feeling good today!
Informartion
Understanding Coronavirus
Latest news about variants of coronavirus
Latest Updates
World Wide
Search by Country
What's your country?
Let's Search!


New Screen
Latest data
COUNTRY INFECTED RECOVERED DECEASED
United States 78,389,155 78,389,155 932,894
India 42,867,031 42,189,887 512,622
Brazil 28,351,327 78,389,155 645,420
United Kingdom 18,393,951 78,389,155 181,424
Germany 13,762,895 78,389,155 121,603
Italy 12,554,596 11,109,291 106,307
Iran 6,983,635 78,389,155 78,389,155
Russia 4,718,854 4,343,229 55,776
Japan 4,597,852 78,389,155 55,776
Philippines 3,654,284 3,541,840 55,776

New Screen

COUNTRY

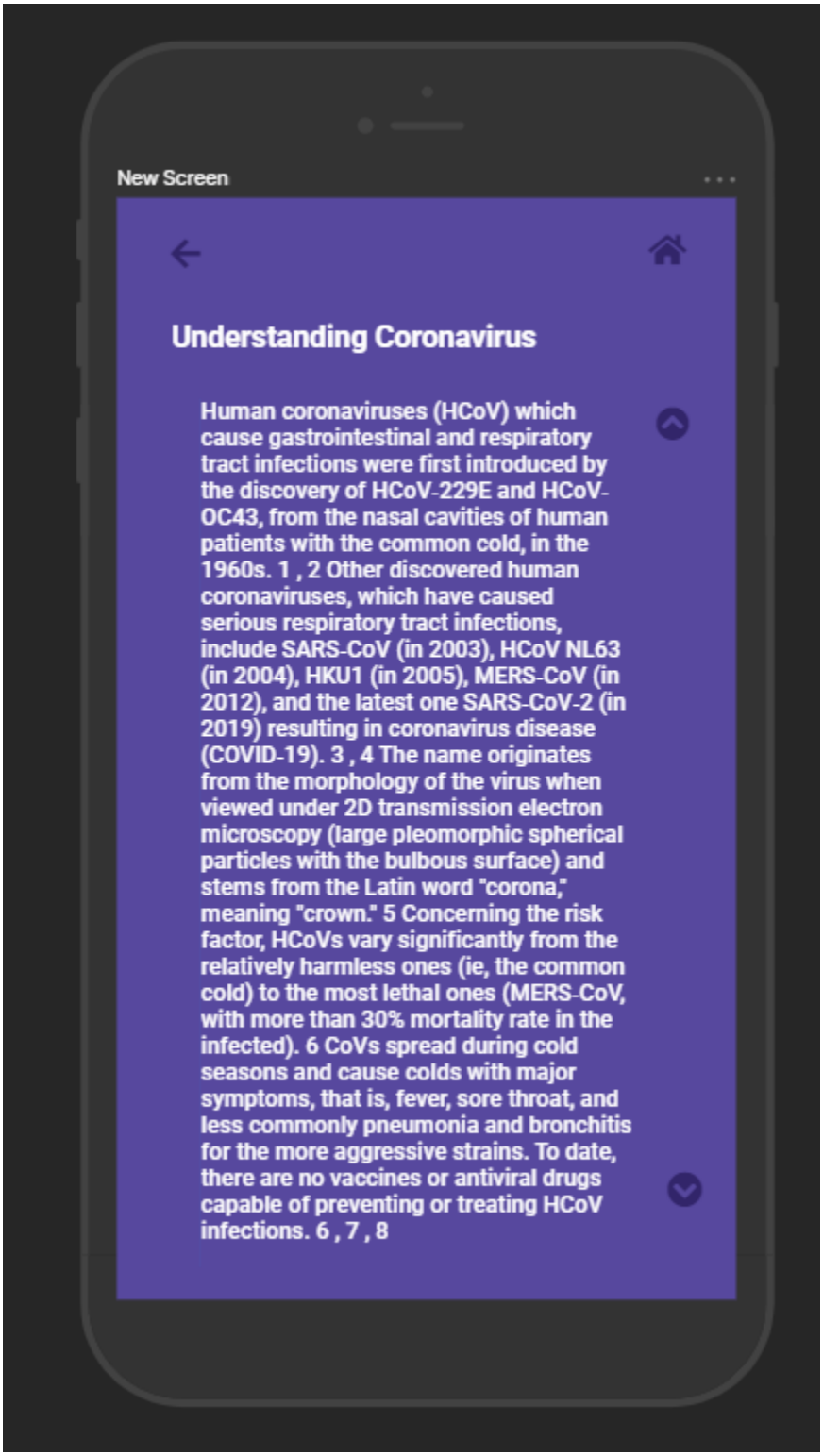
INFECTED
234253

TESTED
234253

RECOVERED
234253

DECEASED
234253

LAST UPDATED: DATE


New Screen
Understanding Coronavirus
Human coronaviruses (HCoV) which cause gastrointestinal and respiratory tract infections were first introduced by the discovery of HCoV-229E and HCoV-OC43, from the nasal cavities of human patients with the common cold, in the 1960s. 1 , 2 Other discovered human coronaviruses, which have caused serious respiratory tract infections, include SARS-CoV (in 2003), HCoV NL63 (in 2004), HKU1 (in 2005), MERS-CoV (in 2012), and the latest one SARS-CoV-2 (in 2019) resulting in coronavirus disease (COVID-19). 3 , 4 The name originates from the morphology of the virus when viewed under 2D transmission electron microscopy (large pleomorphic spherical particles with the bulbous surface) and stems from the Latin word "corona," meaning "crown." 5 Concerning the risk factor, HCoVs vary significantly from the relatively harmless ones (ie, the common cold) to the most lethal ones (MERS-CoV, with more than 30% mortality rate in the infected). 6 CoVs spread during cold seasons and cause colds with major symptoms, that is, fever, sore throat, and less commonly pneumonia and bronchitis for the more aggressive strains. To date, there are no vaccines or antiviral drugs capable of preventing or treating HCoV infections. 6 , 7 , 8

New Screen

Variants of Covid-19

A SARS-CoV-2 variant that meets the definition of a VOI (see below) and, through a comparative assessment, has been demonstrated to be associated with one or more of the following changes at a degree of global public health significance:

Increase in transmissibility or detrimental change in COVID-19 epidemiology; OR

Increase in virulence or change in clinical disease presentation; OR

Decrease in effectiveness of public health and social measures or available diagnostics, vaccines, therapeutics.

WHO label	Pango lineage	GISAID clade	Nextstrain clade	Additional amino acid changes monitored	Earliest documented samples	Date of designation
Alpha	B.1.1.7	GRY	20I (V1)	+S:484K +S:452R	United Kingdom, Sep-2020	18-Dec-2020
Beta	B.1.351	GH/501Y.V2	20H (V2)	+S:L18F	South Africa, May-2020	18-Dec-2020
Gamma	P.1	GR/501Y.V3	20J (V3)	+S:681H	Brazil, Nov-2020	11-Jan-2021
Delta	B.1.617.2	GK	21A, 21I, 21J	+S:417N +S:484K	India, Oct-2020	VOI: 4-Apr-2021 VOC: 11-May-2021
Omicron*	B.1.1.529	GRA	21K, 21L, 21M	+S:R346K	Multiple countries, Nov-2021	VUM: 24-Nov-2021 VOC: 26-Nov-2021