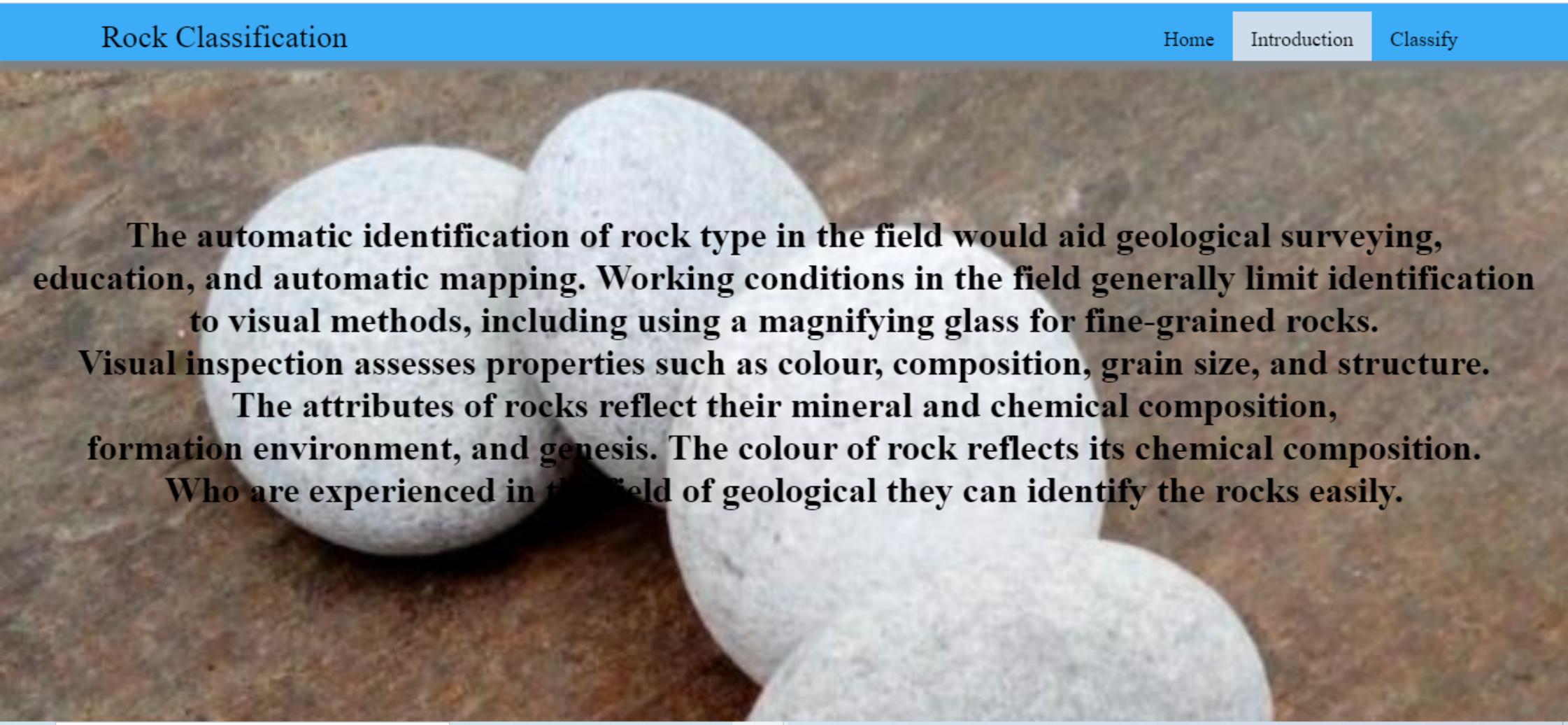




ROCK CLASSIFICATION



The automatic identification of rock type in the field would aid geological surveying, education, and automatic mapping. Working conditions in the field generally limit identification to visual methods, including using a magnifying glass for fine-grained rocks.

Visual inspection assesses properties such as colour, composition, grain size, and structure.

The attributes of rocks reflect their mineral and chemical composition, formation environment, and genesis. The colour of rock reflects its chemical composition.

Who are experienced in the field of geological they can identify the rocks easily.

Upload image for classify

Choose...

Classify



Upload image for classify

Choose...



Rock Classified is :
Blue Calcite

CRYSTAL NAME: BLUE CALCITE

COLOR: Sky Blue

LOCATION: Africa, Brazil, Mexico
India,

TEXTURE : Sedimentary rock

HARDNESS: 2.5 to 3 Hardness

**CHEMICAL
COMPOSITION:** CaCO₃, Calcium
Carbonate

Upload image for classify

Choose...



Rock Classified is :

Limestone

CRYSTAL NAME: LIME STONE

COLOR: Yellow, White or Gray

LOCATION: US, Russia, Japan,
India etc.

TEXTURE : Clastic or Non-Clastic

HARDNESS: Generally hard

**CHEMICAL
COMPOSITION:** Calcite

Upload image for classify

Choose...



Rock Classified is :
Marble

CRYSTAL NAME: MARBEL

COLOR: White, pink.

LOCATION: Italy, Spain, India,
and China.

TEXTURE : Granular

HARDNESS: 3 Hardness

**CHEMICAL
COMPOSITION:** Calcite, Dolomite,
Serpentine.

Upload image for classify

Choose...



Rock Classified is :
Olivine

CRYSTAL NAME: OLIVINE

COLOR: Green, yellow-green

LOCATION: Canada

TEXTURE : Granular

HARDNESS: 6.5 and 7.0 Hardness

**CHEMICAL
COMPOSITION:** Forsterite ,Fayalite

Upload image for classify

Choose...



Rock Classified is :

Red Crystal

CRYSTAL NAME: RED CRYSTAL

COLOR: Red

LOCATION: Switzerland

TEXTURE : Crystal

HARDNESS: 6.5-7.5 Hardness

CHEMICAL Alumina

COMPOSITION: