TEST CASES

Date	19 NOVEMBER 2022
Team ID	PNT2022TMID48153
Project Name	Emerging methods for early detection of forest fire
Maximum Marks	4 Marks

				19.11.22 PNT2022TMID48153 Emerging methods for Early detection of forest fires 4 marks						
Test case ID	**Feature Type**	**Component**	**Test Scenario**	**Steps To Execute**	**Expected Result**	**Actual Result**	**Status**	**Commnets**	**BUG ID**	**Executed By**
TC1	Functional	Test Page	Data collection	. It is the actual data set used to train the model for performing various actions.The required datas should be collected	data collected and kept in drive and accessed	Working as expected	Pass	data is collected successfuly		M.Annapoorani P.Dayana B.Fahmidha D.Santhi
TC2	UI	Test Page	Image preprocessing	The dataset images are to be preprocessed before giving it to the model.	Image preprocessed from tenson flow and keras	Working as expected	Pass	Image is preprocessed successfully		M.Annapoorani P.Dayana B.Fahmidha D.Santhi
TC3	Functional	Test Page	Model building	The drone videos will be split into frames todetect the fire.	Model build through keras layers	Working as expected	Pass	Model building done successfully		M.Annapoorani P.Dayana B.Fahmidha D.Santhi
TC4	Functional	Test Page	Video analysis	After the fire is detected the alert message haveto be sent .	video is analysed and alert msg is sent to given number in twilio	Working as expected	Pass	video analysis done successfully		M.Annapoorani P.Dayana B.Fahmidha D.Santhi
TC5	Functional	Test Page	Train CNN model on IBM	The exact location of the drone will be predictedand sent along with the alert message.	our code jupiter notebook is connected to IBM cloud .	Working as expected	Pass	CNN model on IBM trained successfully		M.Annapoorani P.Dayana B.Fahmidha D.Santhi