

Indian Institute of Information Technology, Allahabad

Software Engineering

Traceability Matrix



Group Members

Enrollment No.

Name

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Requirements :

- RQ-1 : View total online time of user
- RQ-2 : View website visited and time spent on each website
- RQ-3 : Store data in Local Storage of chrome
- RQ-4 : View how many times each website visited and percentage of time spent on each website .
- RQ-5 : Switching mode (light/dark)
- RQ-6 : Setting inactivity time limit to stop tracking
- RQ-7 : Backing and restoring the data stored by the application
- RQ-8 : Clearing all data stored by the application
- RQ-9 : User should be able to report issues and give feedbacks
- RQ-10 : Users should be able to ignore some sites.
- RQ-11 : Users should be able to set limit to be on a site.
- RQ-12 : User should be able to set notifications message and limit of time spent on a site after which he/she will be notified.
- RQ-13 : User should be able to get alerted about the AFK state duration in which he/she were.

Traceability Matrix :

Requirement ID	Use Case ID	High Level design element	Low level design element-1	Low level design element-2
RQ-1	UC-3	Tracking	TimeInterval, UI	addInterval, addTab, isNewURL
RQ-2	UC-4, UC-5	Display	TimeInterval, Tab, UI	setUI

RQ-3	UC-2	Storage	LocalStorage	saveTabs, saveValues, getTabs, getValues
RQ - 4	UC-11, UC-20	Statistics	Tab, TimeInterval, UI	incCounter(), getPercentage()
RQ - 5	UC-10	Display	UI	setMode()
RQ - 6	UC-14	Tracking	TimeInterval	
RQ - 7	UC-9, UC-19	Storage	LocalStorage	backup()
RQ - 8	UC-16	Storage	LocalStorage	clearAllData()
RQ - 9	UC-21	Feedback		
RQ - 10	UC-18	Storage	LocalStorage	actionAddBlackSite ToList()
RQ - 11	UC-8	Storage	LocalStorage	actionAddRestriction ToList()
RQ - 12	UC-17	Tracking	TimeInterval	actionAddNotifyToLi st()
RQ - 13	UC-6	Tracking	TimeInterval	newState()