-> create an email in TIRA software and provide a unique site name

-> Select the project template according to your requirements

-> "Select the project type between "Teammanaged" and "company-managed".

-> Enter the name of your project and those a key name is provided.

## Set up a Kantan Board :

- Kanban Board in JIRA halfs teams visualize mair workflow, limit workin progress and maximize efficiency.

-> on the left side of your JIRA software are icon named board appears, click it.

-> Create & different columns with works associated to it · To DO · IN PROGRESS DEVELOPHENT · DONE - PEER REVIEW . TEST Create Issues : -> under the Topo column, you can create issues -> Let's consider an example: " A software developer neads to deploy mobile phones functionality - The issues are: · Call History · Contacts (Add) . contacts (Read) · Gpead Dial . Add Favourites . -> You can also marage issues by assigning specific roles, data, time etc I we can see the notifications in the corresponding columns when we shift an issue from one colomn to another.

Setting WIP Cirrick : -> This phase basically limits to the columns to allow issues! -> Ex: if developer column wir cimit is a and we add 8 issues, a bright notification appears on the screen to transfer the extra issue. Create Epics: -> An Epic is a large body of work that can be broken down into number of smallar stories. -> Go to Roadman to create epic. Create 3 epies: . Phone manager . Email Harager · Social networking - under each epic, create different is sues. - click on an epic and add shild issues and link existing seves -> Similarly add for every epic. Harage workflow and Transition. - on the right hand side under the board section. click manage workflow -> You can see a plane of vistualisation of issue. - we can create conditions such as, " the issue can be tested only when it displayed" - Linking them, two stages of process is also possible -> You can see the changes in the Kanban Bea Invite Tearmates -> You can invite teammates using the link and also assign some specific values in order to manage the access -> You can manage the user's actify in the directory section. Result . The basic knowledge and the working of TIER software was understood.

Experiment 2 Aim: How to create a TIEA scrum project. Software used: ATLASSIAN Procedure: create a JIRA account: - Create a Jira account by providing Grail 10 and > You will receive a verification enail to the registered email. Accept the invite link. create a Scrum project: -> click or "lam now to TIRA" - "Hy team is now to agile methodologies". > " We spend over time on working on features" -> " we have a tight schedule to work". -> select "SCRUM" as project template. -> Select "Team-managed" as project type. -> Provide a project name and a unique key is gi create user stones: + A user story is a general explanation of a software features writter from the perspective of an end user. - Gio to tree backlog obtion on the left side of the page .

-> Ex: "Create a website cor) an app for an airline". -> Iscues: "As a traveller, I want to the application, so I can see my opcoming frights and print boarding pa66". -> select the tack obtion to fulfill the user story -> Tasks: . Design account creation interface - Implement single signor " Design upcoming flights Interface connect the flight database . Connect the boarding passes database. Plan with sprints and Backley: -> There would be a sprint meeting of a house per weak to discuse on the project -> Transfer the user story and a link issues to the sprint. This indicates the work to be discussed in the a hour meeting -> Now create another, EPRINT 2 and links issues. -> we can link issue in sprint a to user story in sprint 1 by disping on issues, link issue, relates to 481 - Add date and provide a weeks duration -> Provide story point estimates as 2,3 in sprint 1. This indicates value towards over story

Manage Sprinte with a Board ! -> Transfer the etory and issues from one colome to another to check the progress. - one the over story reaches done colorer, the Sprint will be done. Create a Burndown chart ; -> click Dashboard and create a new dashboard > Add a burndown gadget and some. - Gro to Backley, start sprint and as sprint becomes active, go to dashboard and see the chart > The Burndown chart has "Gruideline", "Remaining values", " Non-working Pays". . Result . Creating a TIRM Surom project was done successfolly.

Experiment - 3 Aim: Create user stones in JIRA. Software veed: ATLAGSIAN Procedure ! Create Issue: -> issues are used to track individual bieces of work that must be completed -> Depending on now the team ones TIRA, an issue could represent a project task, a helpdask ticket etc. -> Create a project named "School Harragement System." -> click the "+" icon on the top of the page. chose issue type "bug". -> write the summary. "User is unable to leg in to the system" -> Provide a good description. . Enter valid login credentials . dicked on the login botton -> Expected result would be ," login successful and redirected to the daehboard". -> Actual result " Gnor message displayed and is not directed to the dashboard". -> Reporter name should be the user - click on create and issue will be created. -> In order to see the issue created, click on Backlog. -> create another issue and the type "task" and it states i' Developer starts developing backend and designing front end."

. " Pre-cenditions" year has a ragetured assess in sixs · "maeptone citeria" valid is accepted ( codornals Invalid is not -> click on create. - reate another issues as " user- attandance functionality" under true user story type. sprint and Epice : -> create a new sprint with over stories available - add the login, register and attendance functionality to the opinit and start the sprint. -> Provide with the newscary dates to the sprint -> Create abic user attendance and subp sommanize it as responsible for attendance process. - aick on more fields, epic link, user attendance. -> Once you go back, you can check there is a label added to it. Reput: user stonies in JIRA are successfully created

cocer stones: -> 11 is the general explanation of a software feature written from the perspective of an end user - Se: As a Knole) I want Lopal> so mat therefit? -> Consider School Hanagement system . As a teacher, I want to have a login fonctionality etc. -> To write over defined acceptance criteria, trave are a fow questions to ask: · Given - precondition · cohen - Action . Then - response. user stones in JIRA ! -> Create a project named "School Hanagement system" -> In the issue type, select "user story" -> write the summary as " user Legin functionality - In description, write: "user story As a teather, I want to have a login functionality so that I can log in successfully "Subpe " House a login page Credentials validation user can reset becomes

Experiment - 4 Aim: How to use Roadmaps in TIRA. Saftware used: ATLASSIAN Procedure: Create Chice and issues on the roadmap: - 3 Go to the roadmap and create 3 epics Epics: . User regearch · veer interface design · user Interface development -> under each of these epics, create different issues -> under user research : . surveys · Lab Analysis · Feedback collection. -> under user interface design: , Feature requirements , wireframe productions · Mockups production -> under user interface development: - Functional mock pribas Io. . Testing. Plaz Timeline with colors and labels: - select the epic and the preferred month. Any it until the desired deadline - Provide an epic with different color icons - you can also link issues using various labels.

Track status and Abbly views. -> click on as issue for ex-surveys and change tre statue from "to-do" to "done", if it is done already. next to its see a grean icor stating done right next to the lesue -> If all the issues in the epic are done, it shows a green line onder the respective epic -> Even though all the issues are done, only where epic itself is done, then the status change. Manage Pependancies > In this phase, you can link epics of different process -> dick on "coor reasearch", "Linked issues" - Spoksuser Interface design. -> This setsup a relationship between the two epics -> Girmilarly perform for all the ramaining ones Export the roadmap to ency conference: -> click on quarterly ayoke and click about - dick the Start dote and End date and dick export. - 14 will save a (. prg) file. - click on project bages and connect to confuserce -> call the confluence name as " Product Development" -> set of a blankpage and name it "roadmap" -> select the TIRA roadmap and add it to the page -> Paste the JIRA URL, select brajects and boards of This will open the roadmap that belong to correct project - The project page as will be saved on confidence page Result: How to use roadmake in JIRA was understood successfully

Experiment -5 Aim: Automate tasks and process with TIEA . software used: ATLAGIAN Procedure: Create an auto assigned role from library -> create a project under transac template and go to project settings and click on automation. > Now Add issues for example say, "create a webinar". - we can now proceed again to project settings. automation and select from the templatee available for tree purpose of automation. - Select "SMART AUTO-AGSIGN" as the template for your project. > Template when leave is Created Assigna is Empty (condition) Action (Assign issue) -> call the process" Auto assign" as tomit on. Create a Sub Tasks Template rule: -> One to project settings, automation, create roles. - when : Issue is created, then : new action create SOB tosks) - Add 3 to 6 sobtasks such as: . script creation · Script , aniew . create slides.

Use Smart values scuick on an issue and if you want to link two issues click on link issue, blocks, the other issue. - suce will have a dependency now the owner should get a warning when they are linked - I some intend- Type ( suche) Then: Action (send Grad) - The Small is cant to assigned, subject " Isans && issue key 23 has just been Ented to another. - we can with the content os, please review the project dependency documentation and make some that relevant crebs are in place to address the dependency. - Click on secure and name it as commonications on blocking issue and men turn it o N. Result! Automating Tasks and processes with JRA was understood successfolly.

-> Name it as subtasks creation and "turn it on - naw: f you create a now issue such as "create feature a webinar", you can see subtooks whing to it as tomatically Add condition to subtacks creation: -> custon: 1860e created New condition (if lake block) if (issuefeld-summary-value (web. nor) dick save) Add component (Create sub toets). -> If the condition docen't satisfy then, -> select else: other set -> then new actions. -> Now we can evetomise the roles and the new changes will be reflected on the roadmap. Auto obdate status using Branches: - create note -> "issue transitioned" - from status to to status (done) click save -> when: lesue Transitioned To come) I save type covals ( so b task) Por parent if sub-took-match; states (sone) then transition the issue to cooked.