Sprint 5: Final Presentation

Team Polaroid - TaskMaster

Objective

- Create an application for task management and project management
    - Allows for the management of tasks for site project managers and other permitted workers.

- Stakeholder: Jerry Gomez
    - Company: Gomez Communications

    - Occupation: Wireless Service Provider Construction Management

    - Issue: Site crews are responsible for installing communications equipment for wireless providers. There are certain procedures that must be followed in order for a site to be considered correct and complete. Failure to complete these procedures correctly can lead to cost overruns and profit loss.

Milestones

- Login authentication works with no problems

- Foreman view complete

- Project Manager view semi-complete

- Some success with Database connectivity

Challenges/Roadblocks

- Group member dropped the class

- Getting front-end elements connected with the back-end

- Establishing DB connection with the application

- Creating acceptable scheme for application

Sprint Board

Sprint 5 (Due 4/30 or 5/2) ...

Continue Test Suite
P 13   CB

Setup Database Endpoints
P 13   J   SB

Create Task, Project, TaskProject Tables
P 3   SB

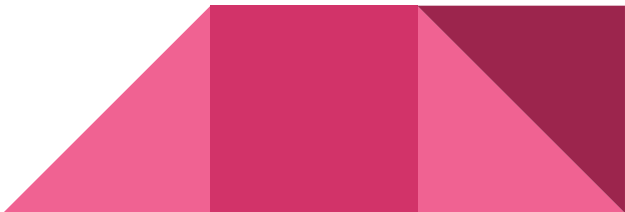Polish PM UI
👁 P 8   EH

Polish Foreman UI
P 5   (avatar)

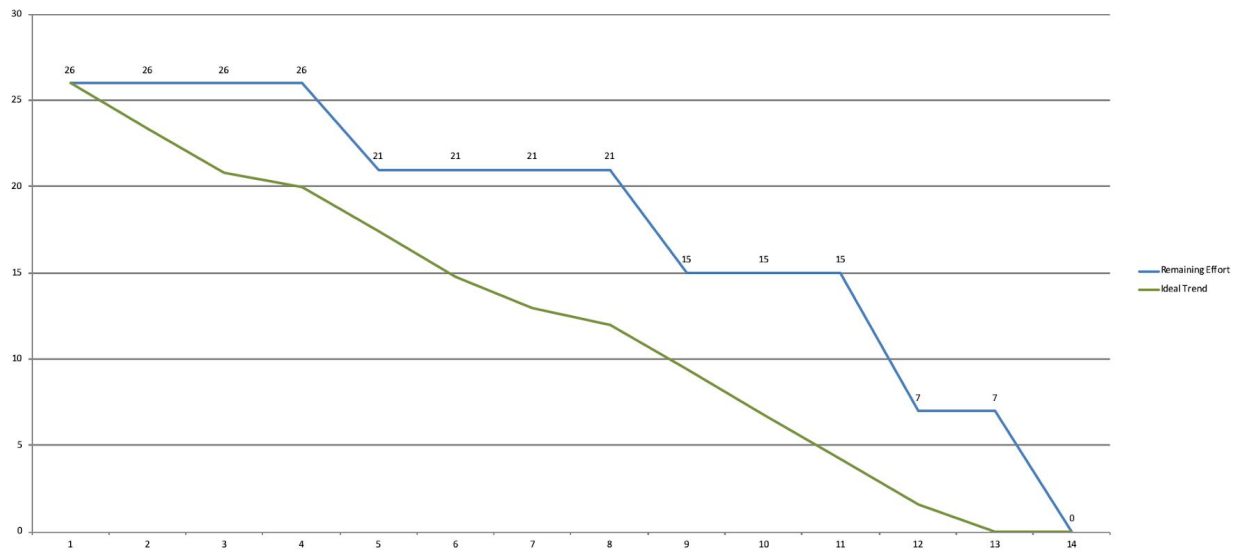Update Task Submission Functionality
👁 P 8   (avatar) EH

Burndown Chart

SPRINT 5 BURNDOWN CHART

Test Cases

- 125 Unit Tests

- 25 UI Tests

- Total = 150 Executed Test Cases

6 - Projects					
NT6.1	ngOnInit Project-List	3/20	P	returns a project-	AE
NT6.2	reloadData Project-List	3/20	P	returns a list of p	AE
7 - Project Model					
NT7.1	export Project class file	3/20	P	exports project o	AE
NT7.1	export Task class file	3/20	P	exports task obje	AE
8 - Task					
NT8.1	ngOnInit Task	3/20	P	creates a Task o	AE
NT8.2	testId Task	3/20	P	returns task id	AE
NT8.3	name Task	3/20	P	returns task nam	AE
NT8.4	description Task	3/20	P	returns the descr	AE
9 - Foreman					
NT9.1	ngOnInit Foreman	3/20	P	returns foreman	AE
NT9.2	name Foreman	3/20	P	returns foreman	AE
NT9.3	pList Foreman	3/20	P	returns list of pro	AE
10 - App					
NT10.1	App-Component 'should cr	3/20	F	returns app crea	Did not log results. Unable to find e
NT10.2	App-Component 'app work	3/20	P	returns log of wo	AE

UML

TaskTableComponent

taskNumber: int
taskName: string
approvalStatus: string

getTasks(): tasks[ ]
viewTask(selectedRow)

UploaderComponent

validImage: boolean
statusMsg: string

previewImage()
submit(ImageInput, foremanNotes)

TemplatePreviewComponent

projectManagerNotes: string
foremanNotes: string
errorMsg: string

getData(selectedRow): PMNotes, templateImage
submit(ImageInput, foremanNotes)

ForemanDashboard

foremanName: string
isCollapsed: boolean

Personal

firstName: String
middleName: String
lastName: String
address: String
phoneNumber: Int

Foreman

employeeID: String
records: WorkLog
type: String

editTaskStatus(): boolean
taskSubmission():String

WorkLog

records: ArrayList<TaskBook>

AccountabilityReport

employeeID: int
employeeName: string
status: string

viewEmployee(selectRow)

UserAccount

username: String
password: String
email: String
accountID: String

signIn(): boolean
signOut(): boolean
createAccount(): Account
searchAllocatedFields(): boolean

Extends

is assigned to

TaskBook

tasks: ArrayList<Task>
day: String
date: String

TaskSites

siteName: string
status: string
viewSite: boolean

viewSite()

ProjectManagerDashboard

foremanName: string
isCollapsed: boolean

ProjectManager

employeeID: String
type: String
records: workLog
assignedForeman: ArrayList<Foreman>

createNewSite(): String
addTasks(): String
modifyTasks(): boolean
declineTasks(): boolean
approveTasks(): boolean
audit(): Generic

Extends

Task

description: String
completionDate: String

TaskManagement

projectManagerNotes: string
foremanNotes: string
errorMsg: string
taskDescription: string

getData(selectedRow): PMNotes,
templateImage
viewTasks/Projects()

Accepted Functionalities

- Foreman Page
  - Viewing different tasks
  - Entering notes for a task
  - Submitting an image for a task
  - Viewing a template image and notes from the project manager

- Project Manager Page
  - Viewing an Accountability Report of existing foreman in database
  - Viewing Project Sites

- Both pages - Displays name of logged in user

LIVE DEMO

Questions?