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ADVANCED SOFTWARE ENGINEERING

LAB 1 REPORT

ScrumDo and Github

Create a Scrum Do Account and define task/plan/delivery for Lab 1 ASSIGNMENT

ScrumDo is an agile management tool which helps in backlog management and iteration planning. We can add a story /epic story to the project we are working on.

ScrumDo

- 1) ScrumDo can be accessed from <http://www.scrumDo.com>.
- 2) The first step is to sign up to create a Personal ScrumDo account for ourselves.

ScrumDo

Sign Up

Username*

This is a username for you, we'll set up your company in the next step.

Password*

Password (again)*

Email*

[Create Account »](#)

Step 1

Create a personal ScrumDo account for yourself.

You can join or create multiple companies or organizations with this account.

Do you already have an account? [Log In](#)

3) Create an organization and a project.

The screenshot shows the ScrumDo web interface for creating an organization and a project. The header includes the ScrumDo logo and a user profile 'srujana24'. The main heading is 'Optional - Create an Organization and a Project', followed by a subtext: 'An organization lets you group people into teams that work on projects. You can [skip this step](#) if you're working on a project someone else created.'

The form consists of three sections:

- Organization name***: A text input field containing 'UMKC'. Below it is a hint: 'The name of your company or team of people.'
- Project name**: A text input field containing 'LAB 1 Assignment'. Below it is a hint: 'The name of the project to work on. You can add additional projects later.'
- Project members**: A large text area containing three email addresses: 'spdy9@mail.umkc.edu', 'lkkwd@mail.umkc.edu', and 'dmwdf@mail.umkc.edu'. Below the text area is a hint: 'Enter email addresses of members to invite. One per line.'

A name is given to the project and project members are added with the help of their Email ids.

4) A subscription plan can be chosen for a specific organization.

Choose a subscription plan for UMKC.

	Platinum <small>For large companies</small>	Gold <small>Most popular plan</small>	Silver <small>Great for teams</small>	Bronze <small>Entry level Scrum</small>	Free <small>All the scrum basics</small>
Users	50	25	15	7	3
Projects	Unlimited	20	10	3	1
File Attachments	20GB	5GB	3GB	1GB	0GB
Integrations <small>GitHub, Slack, Jira & more!</small>	☑	☑	☑	☑	
Planning Poker	☑	☑	☑	☑	
Epics Tool	☑	☑	☑	☑	
Communication Tools <small>Smart Notifications & Group Chat</small>	☑	☑	☑		
Custom Statuses	☑	☑	☑		
Live Updates	☑	☑	☑		
Time Tracking	☑	☑			
Price	\$149.99/month	\$65.99/month	\$34.99/month	\$19.99/month	Free
	Subscribe	Subscribe	Subscribe	Subscribe	Choose Free Plan
14 Day Free Trial					

Need More?

For larger installation, we can work with you to make a plan that fits.

[Contact us for information.](#)

Yearly Plans

Pay by the year instead of monthly and get 2 months free. Click below.

[Platinum](#)
[Gold](#)
[Silver](#)
[Bronze](#)

- 5) The project name can be edited and I have named it as CS551 Project and the home page looks something of this kind.

The screenshot shows the ScrumDo project dashboard for 'CS551 Project'. At the top, there's a navigation bar with the ScrumDo logo, a search bar, and user information (UMKC, CS551 Project, srujana24). Below the navigation bar, the project name 'CS551 Project' is prominently displayed. To the right of the project name is an 'Unwatch' button. Below the project name, there are three summary cards: 'Total Stories' with a value of 0, 'Stories Completed' with a value of 0, and 'Stories In Progress' with a value of 0. Below these cards is a text input field for adding a new story, followed by an 'Add Story' button. Further down, there are two tabs: 'Scrum Log' (selected) and 'Newsfeed'. The 'Scrum Log' section shows a list of activities, including '10 minutes ago srujana24 created project LAB 1 Assignment' and '10 minutes ago srujana24 created organization UMKC'. A 'Filter' button is located to the right of the activity list. On the far right, there is a vertical sidebar with various icons for navigation.

- 6) Now for the project named CS551 Project we can add a story describing our role and main purpose of our project. The work can be assigned to specified individuals as well by just adding the names in the "Assigned to" dialog box.

Backlog

[Scrum Board](#)

Stories	Total Points	Points In Progress	Points Completed
0	0	0	0

Having taken Advanced Software Engineering, I would like to create UML class and sequence diagrams for lab assignment 1.
 Add Story

UML Sequence diagrams and UML class diagrams

Detail:

Tags:

Points:
 ?
0
0.5
1
2
3
5
8
13
20
40
100
Infinite

Assigned To: srujana24 x

Top Bottom

Story Rank: You can drag your story up or down in story list after you create it to modify rank.

Epic:

Iteration: CS551 Project / Backlog

Tip: Format your story summary and detail with Markdown - [More info](#)

Story can be ranked somewhere between top (highest) and bottom(lowest) depending on the priority.

7) Two or more stories can be added to the backlog.

Backlog

[Scrum Board](#)

Stories	Total Points	Points In Progress	Points Completed
0	0	0	0

Created [story #1](#). Having taken Advanced Software Engineering, I would like to create UML class and sequence diagrams for lab assignment 1.

 UML Sequence diagrams and UML class diagrams

Created [story #2](#). As a software designer, I would like to install Microsoft Visio to create UML class and sequence diagrams.

Add Story

Detail:

Tags:

Points:
 ?
0
0.5
1
2
3
5
8
13
20
40
100
Infinite

Assigned To: srujana24 x

Top Bottom

Story Rank: You can drag your story up or down in story list after you create it to modify rank.

Epic:

Iteration: CS551 Project / Backlog

8) After creating stories, the Backlog looks something of this kind.

The screenshot shows the ScrumDo web application interface. At the top, there's a header with the ScrumDo logo, a search bar, and user information (UMKC, CS551 Project, srujana24). The main section is titled "Backlog" and features four summary cards: "Stories" with a value of 2, "Total Points" with a value of 8, "Points In Progress" with a value of 0, and "Points Completed" with a value of 0. Below these cards is an "Add Story" button. The "Stories" section below shows a list of two stories. The first story is titled "#1 Having taken Advanced Software Engineering, I would like to create UML class and sequence diagrams for lab assignment" and has a priority of 5. The second story is titled "#2 As a software designer, I would like to install Microsoft Visio to create UML class and sequence diagrams" and has a priority of 3. Both stories are in the "Todo" state and are assigned to "srujana24".

Stories	Total Points	Points In Progress	Points Completed
2	8	0	0

Stories

- #1 Having taken Advanced Software Engineering, I would like to create UML class and sequence diagrams for lab assignment. **5**
- #2 As a software designer, I would like to install Microsoft Visio to create UML class and sequence diagrams. **3**

9) Iterations can be added and I have named the first iteration as Increment 1. Start Date and End date have to be specified for the iterations.

The screenshot shows the "New Iteration" form in the ScrumDo application. The form has four input fields: "Name*" with the value "1st Increment", "Start date" with the value "2014-01-26", "End date" with the value "2014-01-28", and "Include In Velocity Calculations" which is checked. At the bottom right of the form is a blue "Add Iteration" button.

New Iteration

Name* 1st Increment

Start date 2014-01-26

End date 2014-01-28

Include In Velocity Calculations ☒

Add Iteration

2nd Increment Jan 29, 2014 - Jan 31, 2014

Scrum Board

Stories	Total Points	Points In Progress	Points Completed
1	3	0	0

Not Enough Data

We don't have enough data to draw this burn up chart right now.

Some Tips:

1. Size your stories
2. Set the iteration dates to include today
3. Burn-Up charts are generated nightly

[Burnup](#) | [Burndown](#) | [Stacked](#)

Stories

☐☐☐☐

#2 As a software designer, I would like to install Microsoft Visio to create UML class and sequence diagrams.

Todo [Tasks](#) [0 Comments](#) [srujana24](#)

3

11) We can add epics and a summary has to be created for the epic.

Edit Epic #E1

Summary*

I want to learn and create UML class and sequence diagrams

Detail

Points

5

Rough size of this epic (including size of sub-epics or stories). Enter ? to specify no sizing.

Parent Epic

What epic does this one belong within?

Archived

☐

Archived epics are generally hidden and their points don't count towards the project.

Close

Save Changes

ScrumDo

Q

Search Project

UMKC CS551 Project srujana24

CS551 Project Epics

View Archived Epics

Show Stories

Collapse All

Expand All

Reorder Epics

New Epic

Print

#E1 I want to learn and create UML class and sequence diagrams

5

Quick Links >

Project Summary

Epics

Iteration Planning

Chat

History

Predictions

Planning Poker

Iterations

Backlog

0 stories

2nd Increment

1 story

1st Increment

1 story

12) New epics can be created within another epic called as parent epic.

New Epic

Summary*

Learning Microsoft Visio for drawing UML class and Sequence diagrams

Detail

Points

4

Rough size of this epic (including size of sub-epics or stories). Enter ? to specify no sizing.

Parent Epic

#E1 I want to learn and create UML class and sequence diagrams

What epic does this one belong within?

Archived

Archived epics are generally hidden and their points don't count towards the project.

Close

Save Changes

Quick Links

Project Summ

Epics

Iteration Plan

Chat

History

Predictions

Planning Pot

Iterations

Backlog

0 stories

2nd Increment

1 story

1st Increment

1 story

ScrumDo

UMKC CS551 Project srujana24

CS551 Project Epics

[View Archived Epics](#) | [Show Stories](#) | [Collapse All](#) | [Expand All](#) | [Reorder Epics](#) New Epic Print

#E1 I want to learn and create UML class and sequence diagrams
New Story | New Epic

#E2 Learning Microsoft Visio for drawing UML class and Sequence diagrams

Backlog

0 stories

2nd Increment

1 story

1st Increment

1 story

Quick Links >

Project Summary

Epics

Iteration Planning

Chat

History

Predictions

Planning Poker

Iterations

ScrumDo

UMKC CS551 Project srujana24

CS551 Project Epics

[View Archived Epics](#) | [Show Stories](#) | [Collapse All](#) | [Expand All](#) | [Reorder Epics](#) New Epic Print

#E1 I want to learn and create UML class and sequence diagrams
New Story | New Epic

#E2 Learning Microsoft Visio for drawing UML class and Sequence diagrams

#3 Installing Visio

Backlog

0 stories

2nd Increment

1 story

1st Increment

1 story

Quick Links >

Project Summary

Epics

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History

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Iterations

13) In the scrum board we can drag and drop stories from either 'todo' to 'doing'. Scrum board tells us where the project is at this point of time.

ScrumDo

UMKC CS551 Project srujana24

1st Increment - Jan. 26, 2014 - Jan. 28, 2014 New Story Filter Board

Todo

1 | 5

#1 Having taken Advanced Software Engineering, I would like to create UML class and sequence diagrams for lab assignment 1.
srujana24
0 Comments * Tasks

5

Doing

Reviewing

Done

Quick Links >

Project Summary

Epics

Iteration Planning

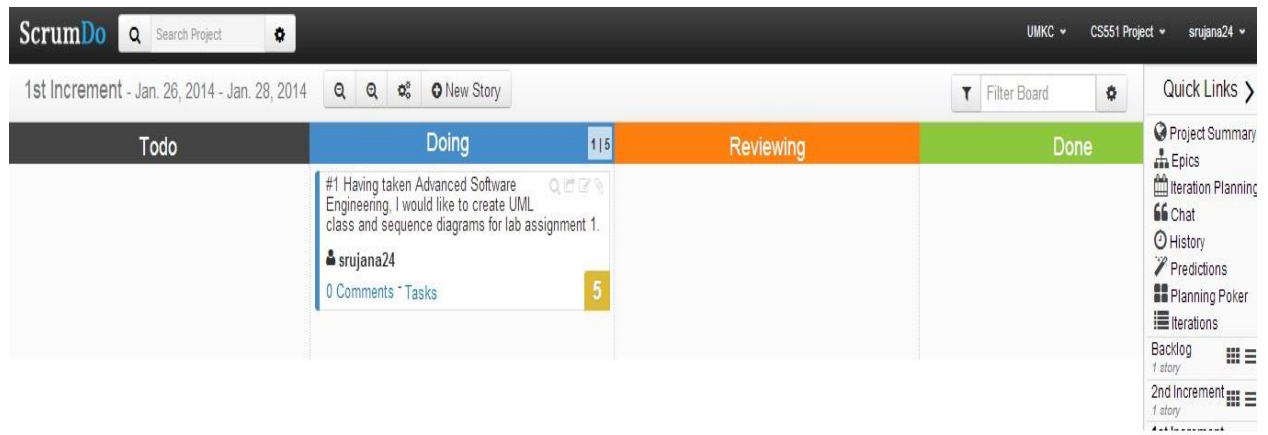
Chat

History

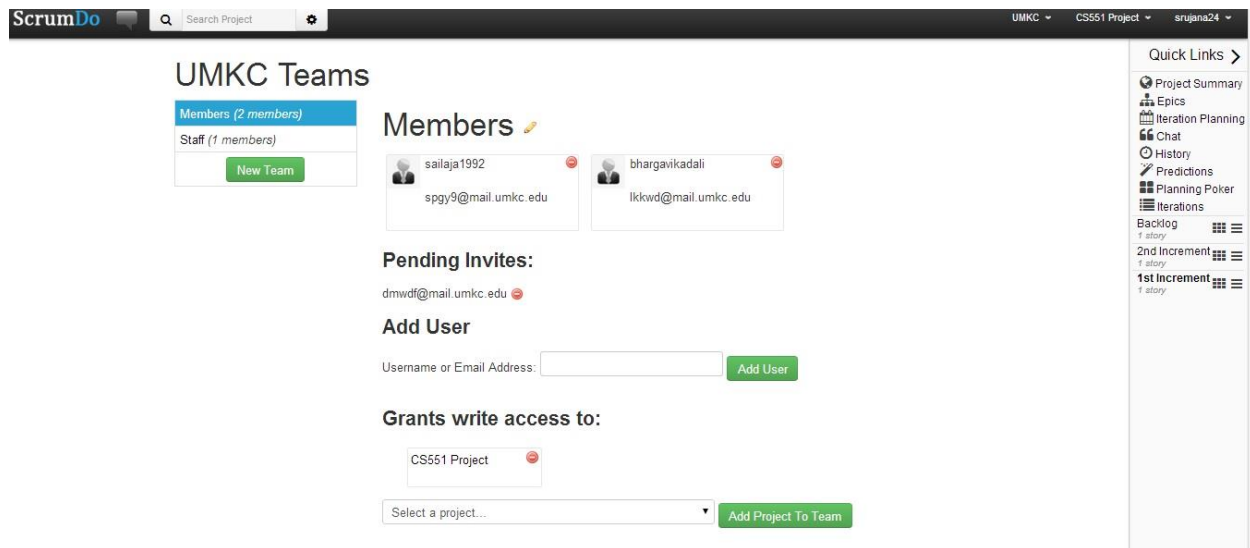
Predictions

Planning Poker

Iterations



- 14) At any point of time, we can access the teams in the project i.e, we can add a user, we can assign tasks to specific user.



Create a Github account

- 1) Github can be accessed from <https://www.github.com>
- 2) First step is to sign up to access the Github account.

- 3) After setting up a personal account we can choose a subscription plan.

Welcome to GitHub

You've taken your first step into a larger world, @srujana24.

 **Completed**
Set up a personal account

 **Step 2:**
Choose your plan

 **Step 3:**
Go to your dashboard

Choose your personal plan


Plan	Cost	Private repos	
Large	\$50/month	50	Choose
Medium	\$22/month	20	Choose
Small	\$12/month	10	Choose
Micro	\$7/month	5	Choose
Free	\$0/month	0	Chosen

Each plan includes:

Unlimited collaborators
Unlimited public repositories

- ✓ Free setup
- ✓ SSL Protection
- ✓ Email support
- ✓ Wikis, Issues, Pages, & more


4) We can add/create repositories.

 **srujana24** / **document-1**

[Unwatch](#) 1 [Star](#) 0

Quick setup — if you've done this kind of thing before

[Set up in Desktop](#) or

[HTTP](#) [SSH](#) <https://github.com/srujana24/document-1.git> 

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

Create a new repository on the command line

```
touch README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/srujana24/document-1.git
git push -u origin master
```

Code

[Issues](#) 0

[Pull Requests](#) 0

[Wiki](#)


[Pulse](#)

[Graphs](#)

[Network](#)

[Settings](#)

ing repository from the command line

 **SecurityDiagram.vsd** [Show all](#)