Team : Four

Aleksandra Trendafilova
Guy O'Neal
Marvin Brown
Waseem Awan

week	Deliverable
1	Register with Pivotal (tutorial) Create GIT account (tutorial) Propose project scope Propose team's composition
2	Document five users (personas) Converge on five user requirements in canonical form in Pivotal
3	Document four use cases using UML notation Provide estimation record Compile the list of configuration items
4	Converge on a components interaction diagram Document state transitions
5	Transform mock-ups into wireframes
6	Develop six (positive and negative) test cases in a standard format Reduce data-driven combinations using Allpairs Final team's presentation of app's functionality

General Notes:

- Team participation is judge by combination of activities in Git, Pivotal or other tools. During the final presentation for week six all team members must attend for Q&A.
- As you begin the prototype, make sure repository is available. Code becomes accessible.
- If you have to scale down for prototype, document. Show history of failures or mis-steps, that is important.
- Team is on track. Make sure that code or prototype begins to take shape.
- Keep estimation record is up to date.
- Make sure all items can be traced to CI List. Make Sure that these have identifiers within the file, similar to other artifacts. Place in CI List, Version. (Software does this but the CI List will be what I use for final grade.)
- Provide specific defects in peer, within the CI list, make sure to list and document these.
- Make sure to allow access to Developers Sand Box or submit Code up to Git. (Use Branch if needed, but ok to keep it simple.)

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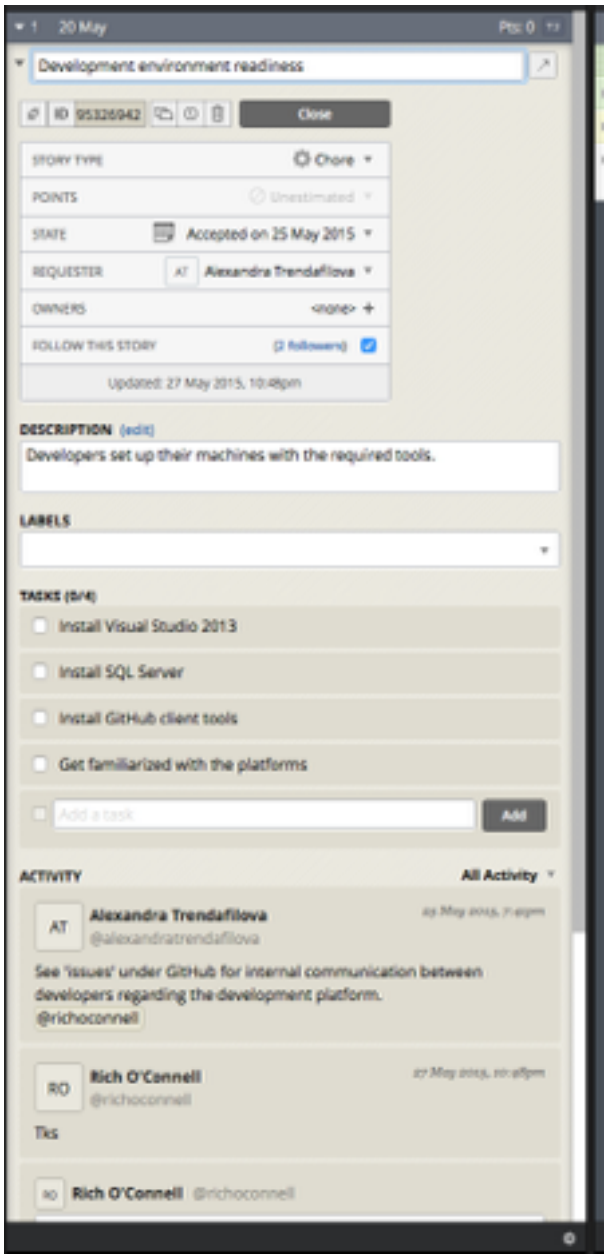
- Document any addition Tool selection, such as IDE. (https://www.pivotaltracker.com/story/show/95326942) Seems env ready.
- Use case in UML Format.
- Upload to begin to think about Mock-up, wireframes.



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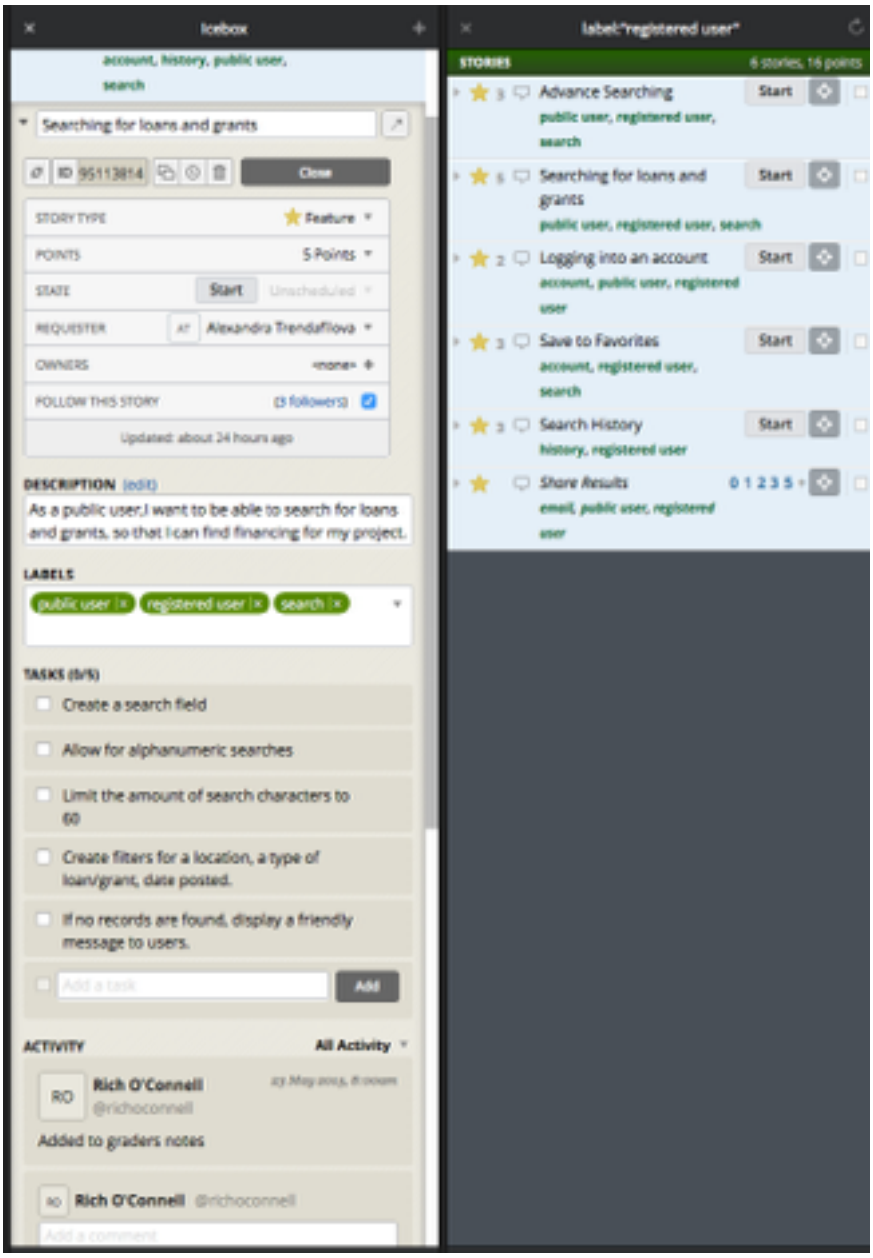

Excellent job keeping Pivotal up to date. Good use of Labels, task and activity level. Make sure to maintain level of activity. Do not forget to check off Task as they are complete.

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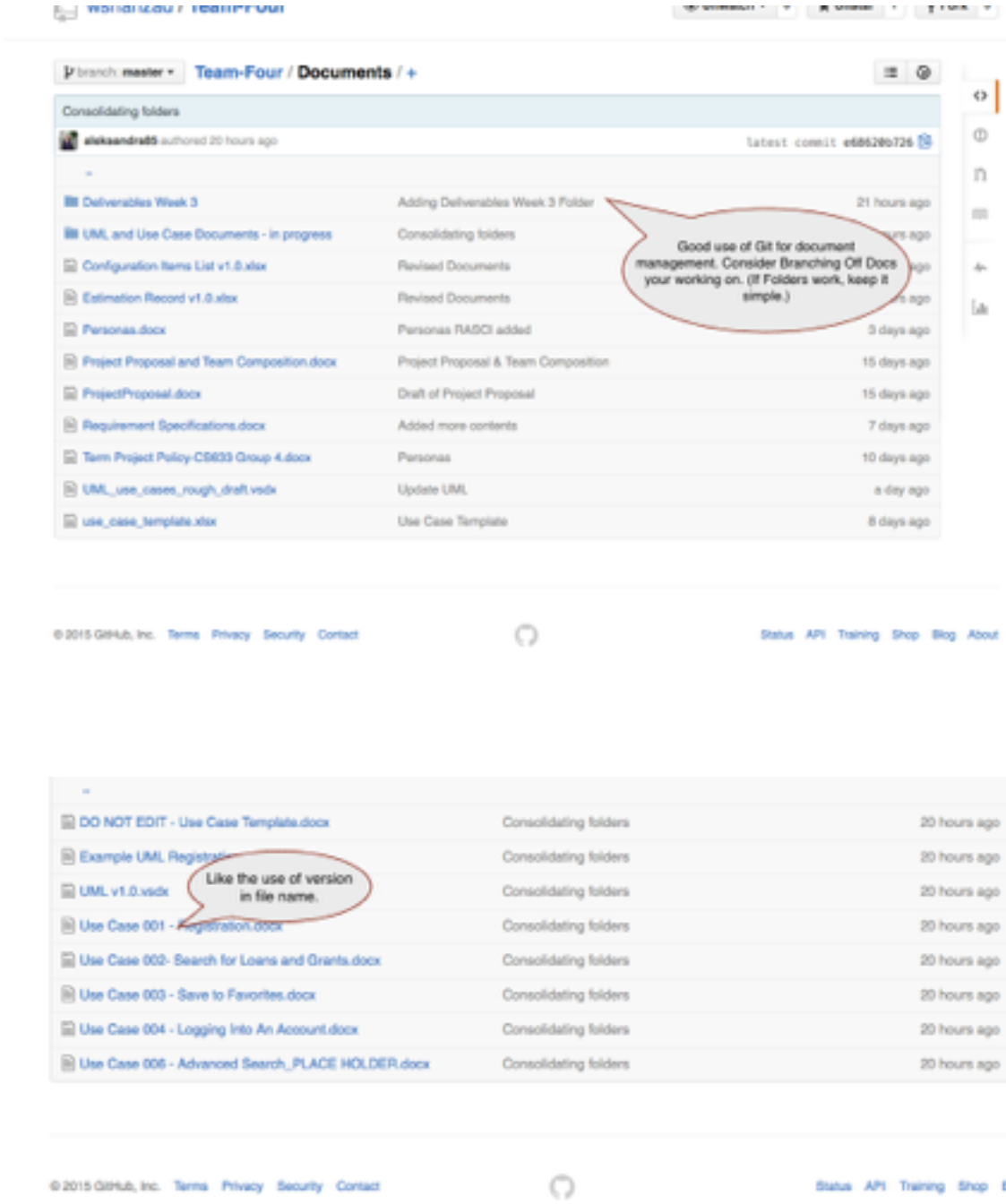
branch: master
Team-Four / Documents / +
Consolidating folders
latest commit e686280726
Deliverables Week 3 Adding Deliverables Week 3 Folder 21 hours ago
UML and Use Case Documents - in progress Consolidating folders
Configuration Items List v1.0.xlsx Revised Documents
Estimation Record v1.0.xlsx Revised Documents
Personas.docx Personas RASCI added 3 days ago
Project Proposal and Team Composition.docx Project Proposal & Team Composition 15 days ago
ProjectProposal.docx Draft of Project Proposal 15 days ago
Requirement Specifications.docx Added more contents 7 days ago
Term Project Policy-CS633 Group 4.docx Personas 10 days ago
UML_use_cases_rough_draft.vsdx Update UML a day ago
use_case_template.xlsx Use Case Template 8 days ago
Good use of Git for document management. Consider Branching Off Docs your working on. (If Folders work, keep it simple.)
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DO NOT EDIT - Use Case Template.docx Consolidating folders 20 hours ago
Example UML Registration Consolidating folders 20 hours ago
UML v1.0.vsdx Consolidating folders 20 hours ago
Use Case 001 - Registration.docx Consolidating folders 20 hours ago
Use Case 002- Search for Loans and Grants.docx Consolidating folders 20 hours ago
Use Case 003 - Save to Favorites.docx Consolidating folders 20 hours ago
Use Case 004 - Logging Into An Account.docx Consolidating folders 20 hours ago
Use Case 006 - Advanced Search_PLACE HOLDER.docx Consolidating folders 20 hours ago
Like the use of version in file name.
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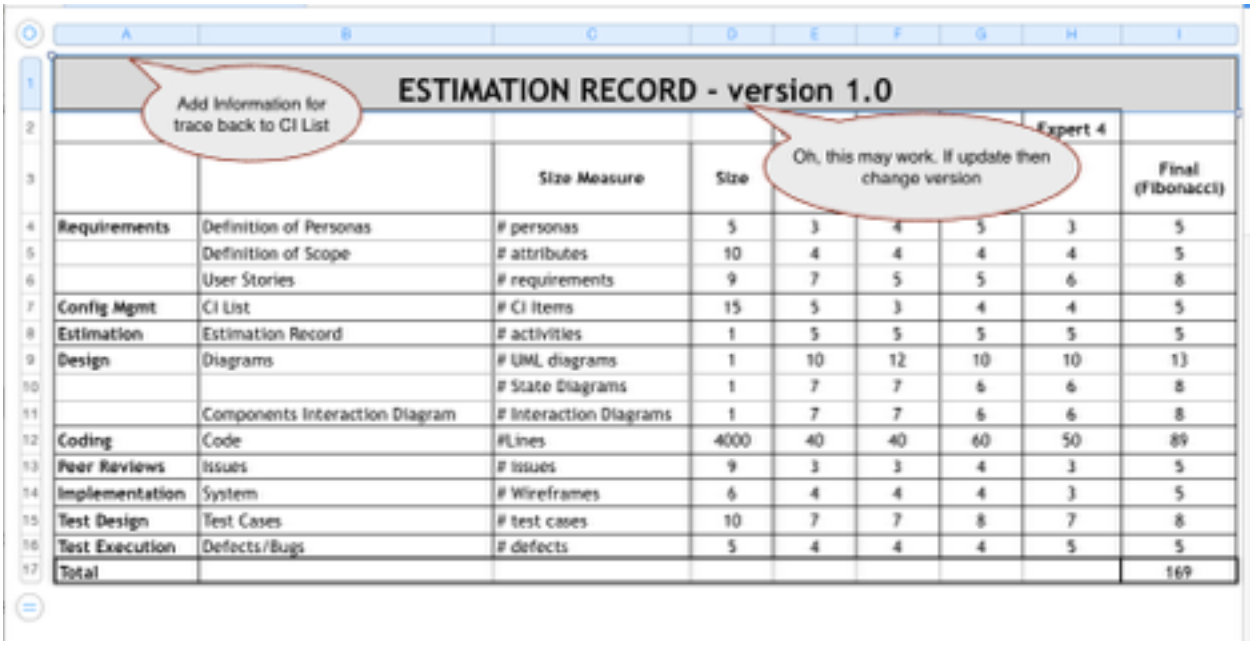

ESTIMATION RECORD - version 1.0

Add Information for trace back to CI List

Oh, this may work. If update then change version

		Size Measure	Size	Expert 1	Expert 2	Expert 3	Expert 4	Final (Fibonacci)
Requirements	Definition of Personas	# personas	5	3	4	5	3	5
	Definition of Scope	# attributes	10	4	4	4	4	5
	User Stories	# requirements	9	7	5	5	6	8
Config Mgmt	CI List	# CI Items	15	5	3	4	4	5
Estimation	Estimation Record	# activities	1	5	5	5	5	5
Design	Diagrams	# UML diagrams	1	10	12	10	10	13
		# State Diagrams	1	7	7	6	6	8
	Components Interaction Diagram	# Interaction Diagrams	1	7	7	6	6	8
Coding	Code	#Lines	4000	40	40	60	50	89
Peer Reviews	Issues	# Issues	9	3	3	4	3	5
Implementation	System	# Wireframes	6	4	4	4	3	5
Test Design	Test Cases	# test cases	10	7	7	8	7	8
Test Execution	Defects/Bugs	# defects	5	4	4	4	5	5
Total								169

Personas RASCI

User Story	Public User	Registered User	Support User	Super User	SBA API
Register for an account	R	R	S	I	S
Logs into an account	R	R	S	I	S
Troubleshoots	I	I	R	C	S
Search for loans/ grants	R	R	S	C	S
Save to Favorites	R	R	S	C	S
Review Search History	R	R	S	C	S
Share Search Results	R	R	S	C	S

R=Responsible	Owns the task
A=Accountable	Whoever responsible accounts to
S=Supporting	Supports the task
C=Consulted	Has the capability to complete the task
I=Informed	Must be notified of the results

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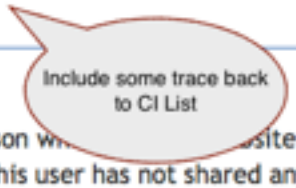
Personas



Public User

A public user is a person w… …site and searches for loans and grants information. This user has not shared any personal information within the website and may or may not visit the website frequently.

Registered User

A registered user is a person who performs searches for loans and grants information and, in addition, he/she has created a personal account within the website. By having an account, the registered user can see his/her search history, perform advanced searches and save his/her favorite search results.

Super User

A super user is a person who manages the website. He/she is involved with the website configuration, user design, content and more. A super user has all administrative rights on the website. There may be more than one super user.

Support User

A support user is a person who responds to customer issues, questions and requests. He/she can assist with troubleshooting and resolving any issues related to the website. The support user has some administrative rights in order to assist customers with creating and maintaining their accounts, retrieving search history, etc.

Web API

The Web API is a system that feeds data to the website. All loans and grants information will be retrieved from it. For the initial setup of the website the WEB API will be SBA Web API. However, in the future development of the website, there may be other Web APIs that may be used.

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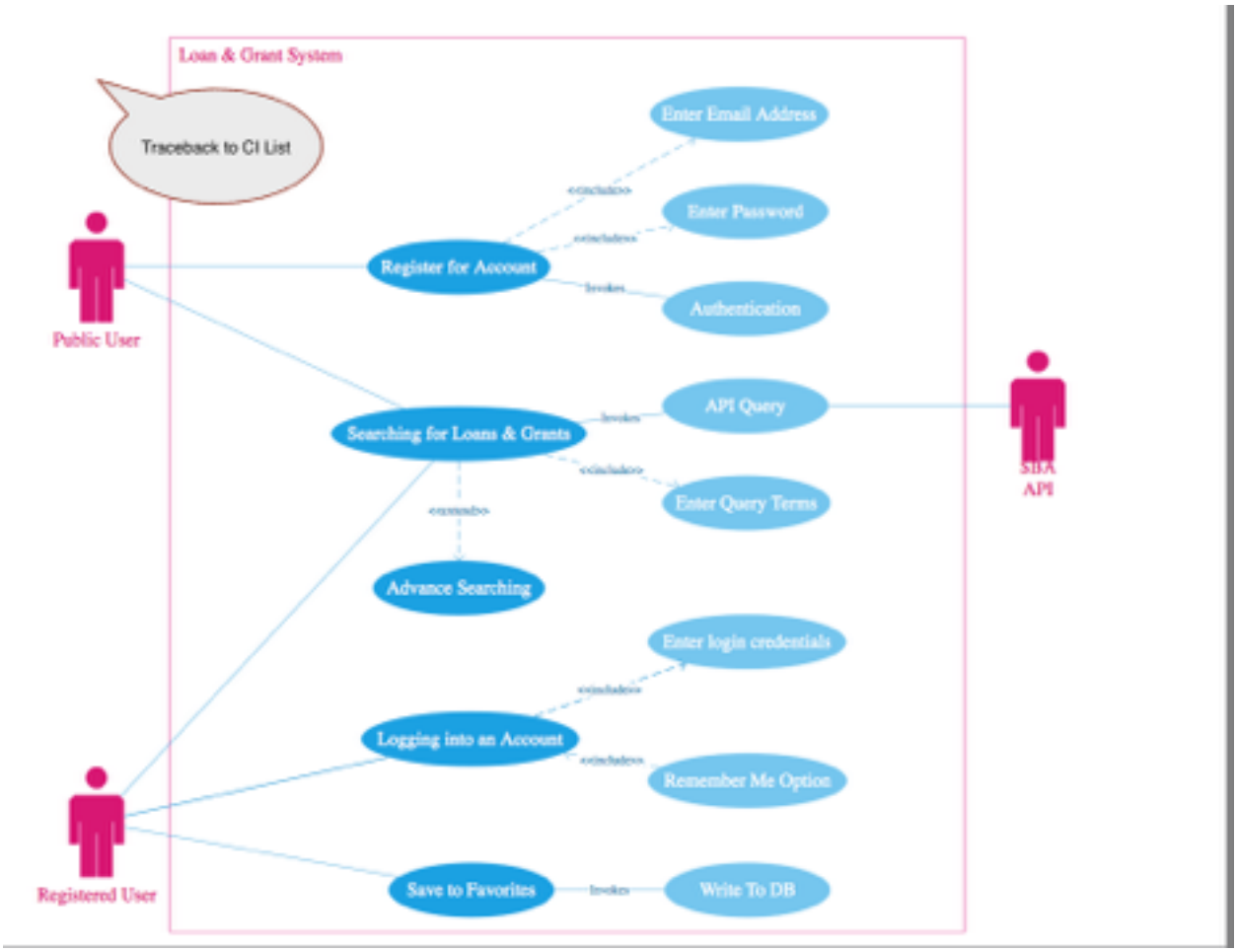
Loan & Grant System
Traceback to CI List
Public User
Registered User
Register for Account
Searching for Loans & Grants
Advance Searching
Logging into an Account
Save to Favorites
Enter Email Address
Enter Password
Authentication
API Query
Enter Query Terms
Enter login credentials
Remember Me Option
Write To DB
SBA API

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	Configuration Item Name	Version	Date	Owner	Repository
1	Definition of Scope and Limitations	1.0	5/17/15	Team-Four	GitHub
2	Definition of Personas	1.0	5/22/15	Team-Four	GitHub
3	Requirements List/User Stories	1.0	5/25/15	Team-Four	Pivotal Tracker
4	UML	1.0	5/31/15	Team-Four	GitHub
5	Use cases	1.0	5/31/15	Team-Four	GitHub
6	Configuration Items Lists	1.0	5/31/15	Team-Four	GitHub
7	Software - MS SQL	MS SQL Express Server 2014	5/24/15	Team-Four	Developers' Sand Boxes
8	Software - Visual Studio	Visual Studio 2013		Team-Four	Developers' Sand Boxes
9	Software - IIS	IIS 7.0		am-Four	Developers' Sand Boxes
10	Software - GitHub tools	3.0		Team-Four	GitHub
11	Software - Pivotal Tracker tools	3.0	5/15/15	Team-Four	Pivotal Tracker
12	Website for searching for grants and loans	1.0	6/2/15	Team-Four	GitHub
13	Database - SBA API	??	6/2/15	Team-Four	Developers' Sand Boxes
14	Bugs	1.0	TBD	Team-Four	PivotalTracker
15	Issues from Peer Reviews retained	1.0	TBD	Team-Four	GitHub

Remember Drafts may be 0.2. It is ok to show progress and drafts.

Estimation Record? Make sure this List is updated. Repository, it can be helpful to include link.

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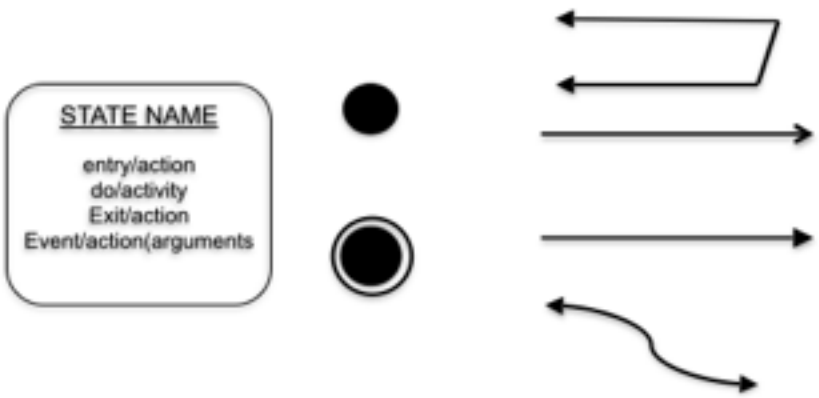
State Machine Diagram Object Template



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Check List

Correct:

1. Does each state-transition diagram have one and only one initial state?
2. If the state-transition diagram is an open-loop, is there at least one terminal state?
3. If the state-transition diagram is a closed-loop, is it really? (Almost all are actually open-loop)
4. Does each state have at least one exit transition?
5. If multiple guards exist for a single event, are the guards mutually exclusive?
6. Does each state have exactly one transition for each possible event-guard combination?
7. Have all redundant or duplicate states or transitions been removed?
8. Are all states reachable?
9. Is every "real" state in the world represented by one and only one state on the diagram?
10. Is each state and transition clearly named, usually with "ing"?
11. Are all possible paths also valid paths?
12. Are all valid paths represented?