🔒 **Zhipeng-Chang** / **CMPUT-401-Winter-2018** `Private`

Use cases

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yfe3 edited this page on Mar 14 · 18 revisions

Use Case ID	UC-1	Use Case name	Execute the deployer
Participating Actors	User (Primary) Deployer (Secondary)		
Goal	Initialize the deployment process		
Trigger	User invoke the smartDeployer.sh		
Precondition	User download the smartDeployer.sh to machine		
Postcondition	smartDeployer.sh is executing		
Basic Flow	1. Start a command window 2. User execute smartDeployer.sh 3. User input the IP address of machines in the cluster		
Exceptions	1. No network 2. Wrong IP address		
Qualities			
Constraints			
Includes			
Extends			
Related Artifacts	US 02.01.04		
Notes			
Open Issues			

Use Case ID	UC-2	Use Case name	Deploy Cassandra
Participating Actors	User (Primary) Deployer (Secondary)		
Goal	Automatically deploy the Cassandra to the system		
Trigger	User run the script		
Precondition	User has the administrative access		
Postcondition	The Cassandra is installed on the system		
Basic Flow	1. User execute the script 2. User input IP addresses of machines in a cluster 3. System strat install		
Exceptions	1. No network		
Qualities			
Constraints			
Includes			
Extends			
Related Artifacts	US 02.01.01, US 02.01.02, US 02.01.03		
Notes			
Open Issues			

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Meetings

- 2018.01.17 Meeting #1
- 2018.01.29 Meeting #2
- 0130 Meeting with the professor
- 2018.02.02 Meeting #3 Demo Sprint One
- 2018.02.07 Meeting with 402 student
- 2018.02.09 Meeting with the client
- 2018.02.16 Meeting #4
- 2018.02.23 Team meeting
- 2018.02.28 Meeting with the client
- 2018.03.02 Meeting #5
- 2018.03.16 Meeting with TA demo the project
- 0321 Meeting within the Team
- 0328 Meeting with the client
- 2018.04.04 Meeting #7
- TA Meetings

Resources

Grades

Clone this wiki locally

https://github.com/Zhiper 📋

⬇ Clone in Desktop

Use Case ID	UC-3	Use Case name	Install YCSB
Participating Actors	User (Primary) Deployer (Secondary)		
Goal	Install YCSB to the system		
Trigger	User run the script		
Precondition	User has the administrative access		
Postcondition	The YCSB is installed on the system		
Basic Flow	1. User execute the script 2. User wait for finish		
Exceptions	1. No network		
Qualities			
Constraints			
Includes			
Extends			
Related Artifacts	US 02.01.01, US 02.01.02, US 02.01.03		
Notes			
Open Issues			

Use Case ID	UC-4	Use Case name	Save experiment results
Participating Actors	User (Primary) Deployer (Secondary)		
Goal	Save the YCSB data to a database		
Trigger	User run the script to test the Cassandra		
Precondition	User has the administrative access		
Postcondition	The YSCB data is saved in the database		
Basic Flow	1. System output the process in the shell 2. User wait for finish 3. System show the data is saved to database		
Exceptions	1. No network 2. No data available 3. Wrong test setting		
Qualities			
Constraints			
Includes			
Extends			
Related Artifacts	US 02.01.03		
Notes			
Open Issues			

Use Case ID	UC-5	Use Case name	Choose two experiments
Participating Actors	User (Primary)		
Goal	Choose the two experiments and show the graphs successfully		
Trigger	User hit the two experiments from the list		
Precondition	User know which experiments will choose		

Postcondition	The two graphes will be shown up
Basic Flow	1. System prompts a new web window 2. User choose the two exps 3. System go to the result tag and show the graphes
Exceptions	1. No data exist
Qualities	
Constraints	
Includes	
Extends	
Related Artifacts	US 01.01.01
Notes	
Open Issues	

Use Case ID	UC-6	Use Case name	ViewAboutPage
Participating Actors	User (Primary)		
Goal	User successfully view the About page		
Trigger	User hit the About button		
Precondition			
Postcondition	About page shows up		
Basic Flow	1. System displays web 2. User hit the About button 3. System displays the about page		
Exceptions	1. No network		
Qualities			
Constraints			
Includes			
Extends			
Related Artifacts	US 01.01.02		
Notes			
Open Issues			

Use Case ID	UC-7	Use Case name	ViewHelpPage
Participating Actors	User (Primary)		
Goal	User successfully view the Help page		
Trigger	User hit the Help button		
Precondition			
Postcondition	Help page shows up		
Basic Flow	1. System displays web 2. User hit the Help button 3. System displays the Help page		
Exceptions	1. No network		
Qualities			
Constraints			

Includes	
Extends	
Related Artifacts	US 01.01.03
Notes	
Open Issues	

Use Case ID	UC-8	Use Case name	ViewTeamPage
Participating Actors	User (Primary)		
Goal	User successfully view the Team page		
Trigger	User hit the Team button		
Precondition			
Postcondition	Team page shows up		
Basic Flow	1. System displays web 2. User hit the Team button 3. System displays the Team page		
Exceptions	1. No network		
Qualities			
Constraints			
Includes			
Extends			
Related Artifacts	US 01.01.04		
Notes			
Open Issues			

University of Alberta, CMPUT 401 Winter 2018, SmartDeployer Team