Phase 2 Test Plan
-- FloorWar

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Functional Requirements

Backlog ID	Functional Requirements
1	**As a user, I would like to be able to log in using myPurdue Career account.** ● 1.1 Log in using a purdue career account , Severity = 1 　○ Expected input: 　　■ Enter a purdue career account info 　○ Expected output: 　　■ Log in successfully ● 1.2 Sign in using an account that is registered on the web app instead of purdue account 　○ Expected input: 　　■ Enter an account info registered in the web app instead of purdue account 　○ Expected output: 　　■ Log in successfully ● 1.3 Log in using an invalid account info 　○ Expected input: 　　■ Enter an invalid account info 　○ Expected output: 　　■ Login fails.
2	**As a resident assistant, I would like to be able to add students to my floor.** 2.1. Add student via a Purdue Career account ● Expect input 　○ Click "Add Students" by using a Purdue email to add a student ● Expect output 　○ A student should be added in "Your Building's Floors" Residents 2.2. Add student via not Purdue Career account ● Expect input 　○ Click "Add Students" by using a not Purdue email to add a student ● Expect output 　○ Add student fail and error message of "not valid email" 2.3. Test add student when log in with student account ● Expect input

	○ Click "Add Students" by using a Purdue email and not Purdue email to add a student
	  ● Expect output
	   ○ Action should be prohibited and error message of "You have to using RA account to add student"

3	# As a resident, I would like to view the schedule for floor wars.
	
	3.1. Viewing schedule for the floor
	 ● Expect input:
	  ○ Click the "calendar" in "your building's floors" page
	 ● Expect output
	  ○ Displays a calendar showing the existing wars related to the floor with date and time
	3.2. Viewing a single war on the calendar
	 ● Expect input:
	  ○ Click a single war shown on the calender
	 ● Expect output
	  ○ User taken to a view of a single war showing details of a war (title, decriptiong, staus, etc.)
	3.2. Viewing a multi-floor tournament on the calendar
	 ● Expect input:
	  ○ Click a multi-floor tournament shown on the calender
	 ● Expect output
	  ○ User taken to a view of a multi-floor tournament showing details of a war (title, decriptiong, staus, etc.)

4	# As a resident, I would like to request a floor war.
	
	4.1. Request a valid war
	 ● Expect input
	  ○ Click "Requesting A War" and fill out all of information correctlly
	 ● Expect output
	  ○ Requesting should be approved and a war should be dispalied in "War List"
	4.2. Request a invalid war of invalid war date
	 ● Expect input
	  ○ Click "Requesting A War" and fill out an invalid war date(The day before current date)
	 ● Expect output
	  ○ Requesting fail and error message of "Invalid War date"
	4.3. Request a invalid war of invslid opponent
	 ● Expect input
	  ○ Click "Requesting A War" and fill out an invalid opponent(Not in the same building)
	 ● Expect output
	  ○ Requesting fail and error message of "Invalid opponent, the war has to be in the same building"
	4.4. Request a war with a RA account
	 ● Expect input
	  ○ Click "Requesting A War" and fill out all of information correctlly
	 ● Expect output

		○ Requesting should be prohibited and error message of "Only resident can request a war"

5		**As a resident assistant, I would like to approve a floor war.**
		5.1. Approve a floor war by RA account in the same building
		● Expect input
		    ○ Check "Wars List" and approve a war in the same building
		● Expect output
		    ○ Aproval successful
		5.2 Approve a floor war by RA account in the different building
		● Expect input
		    ○ Check "Wars List" and approve a war in the different building
		● Expect output
		    ○ Aproval fail and error message of "You can not approve a war of another building"
		5.2. Approve a floor war by student account
		● Expect input
		    ○ Check "Wars List" and approve a war
		● Expect output
		    ○ Aproval fail and error message of "Only RA can approve a war"

6		**As a resident assistant, I would like to reject a floor war.**
		6.1. Reject a floor war by RA account
		● Expect input
		    ○ Check "Wars List" and reject a war in the different building
		● Expect output
		    ○ Reject fail and error message of "You can not reject a war of another building"l
		6.2. Reject a floor war by student account
		● Expect input
		    ○ Check "Wars List" and reject a war in the different building
		● Expect output
		    ○ Reject fail and error message of "Only RA can reject a war"

7		**As a resident assistant, I would like to input scores and results once the floor war has finished.**
		7.1. Input valid scores and results
		● Expect input:
		    ○ Input score that is a non-negative valid score and for both team
		● Expect output
		    ○ The scores and results were added to database and updates the war status
		7.2. Input invalid scores
		● Expect input:
		    ○ User provides invalid input(negative, non-numeric, etc)
		● Expect output
		    ○ Show error message indicating input is inavlid
		7.3. Input invalid results
		● Expect input:

	○ User provides invalid input(numbers, non-existing team names, etc)
	  ● Expect output
	      ○ Show eeror message indicating input is invalid
	7.4. Input scores and results by student account
	  ● Expect input:
	      ○ Student users provide input for scores and results and hit submit
	  ● Expect output
	      ○ Show eeror message that student is unauthorized to input score and results

8	# As a user, I would like to view results of each floor war.
	
	  ● 8.1 Floor view, Severity = 1
	      ○ Expected input:
	            ■ User clicks view 'War List' button and click "check war result"
	      ○ Expected output:
	            ■ Web goes to a page listing all of results of wars

9	# As a user, I would like to logout of the system.
	
	  ● 9.1 Log out user, Severity = 1
	      ○ Expected input:
	            ■ User clicks view 'Log out' button
	      ○ Expected output:
	            ■ Logout successful and web goes to log in page

10	# As a user, I would like to view the overall record for each floor.
	
	  ● 10.1 Floor view, Severity = 1
	      ○ Expected input:
	            ■ User clicks view 'War List' button, click 'view overall'
	      ○ Expected output:
	            ■ Display a summary of the overral score of each floor from time to time

11	# As a user, I would like to set up multi-floor tournaments.
	
	  ● 11.1 Request a multi-floor tournament by student
	      ○ Expected input:
	            ■ Student account request a multi-floor tournament by clicking "Requesting A War"
	      ○ Expected output:
	            ■ Request successful and the war is displaied in "Wars List"
	  ● 11.2 Approve a multi-floor tournament by RA
	      ○ Expected input:
	            ■ RA account aprove a multi-floor tournament
	      ○ Expected output:
	            ■ Aproval successful
	  ● 11.3 Reject a multi-floor tournament by RA
	      ○ Expected input:
	            ■ RA account reject a multi-floor tournament
	      ○ Expected output:
	            ■ Reject successful

12	As a user, I would like to comment on floor war ideas.
	● 12.1 Comment on floor war, Severity = 1
	○ Expected input:
	■ Write content in comment
	■ Click submit button to comment
	○ Expected output:
	■ New comment show on floor war ideas.
13	As a student, I would like to input the times that I am normally able to participate in floor wars for easier scheduling.
	● 13.1 Input times in participate in floor wars, Severity = 1
	○ Expected input:
	■ Input War Date
	■ Input War Time
	○ Expected output:
	■ Web shows the time I register
	● 13.2 Submit times in participate in floor wars, Severity = 1
	○ Expected input:
	■ Input War Date
	■ Input War Time
	■ Input War Title, War Description, and opponent
	■ Click Submit Button
	○ Expected output:
	■ Web goes to main page with created schedule.
14	As a RA, I would like to set up floor dinners using the same infrastructure used for planning floor wars.
	● 14.1，Click "Set up floor dinner" button to set up floor dinners using for a specific planning floor wars, Severity = 1
	○ Expected input:
	■ Click seup floor button in a specific floor wars group
	○ Expected output:
	■ A floor dinner is set up successfully
	● 14.2 Set up a floor dinner for mutiple floors, Severity = 1
	○ Expected input:
	■ Select mutiple planning floor wars and set up a dinner for them
	○ Expected output:
	■ A floor dinner for mutiple floor wars is set up successfully
	● 14.3 Try to set up floor dinners for non floor wars, Severity = 1
	○ Expected input:
	■ Choose nothing and then click set up floor dinners
	○ Expected output:
	■ Nothing should be changed since no war was selected.