

User Requirements

| Requirements Identifiers | Requirements Tested | User Requirements | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|---------------------|--------------------|----------------------|----------|------------|----------|------------|--------------------------|------------------------|----------|------------------|-----------------------|------------|-------|------------|-------------|-------------|--------------------|----------------------|-------------------|----------|-------------|-------------------------|------------------|-------------------|---------|
| | | UR_SCENARIO MODE | UR_ENDLESS MODE | UR_CONTROL SYSTEM | UR_ITEMS | UR_DEMANDS | UR_COOKS | UR_RECIPES | UR_REPUTATI ON_POINTS | UR_COOKING STATIONS | UR_MONEY | UR_BUY_ITEM S | UR_PANTRY_S TATION | UR_COUNTER | UR_UX | UR_TOOLTIP | UR_PLATFORM | UR_TUTORIAL | UR_LEADERBO ARD | UR_ACCESSIB ILITY | UR_RESOLUTI ON | UR_TIMER | UR_MINIGAME | UR_PREPARATI ON_FAIL | UR_POWER_U PS | UR_DIFFICULT Y | UR_SAVE |
| Test Cases | 152 | 5 | 7 | 19 | 15 | 7 | 7 | 8 | 2 | 5 | 1 | 1 | 2 | 2 | 14 | 1 | 1 | 1 | 2 | 11 | 1 | 3 | 9 | 18 | 3 | 2 | 5 |
| Tested Inventory | 144 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testBurgerAssetExists() | 3 | | | | | x | | x | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testBunAssetExists() | 2 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testMeatAssetExists() | 2 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testOnionAssetExists() | 2 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testOnionAssetExists() | 2 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testPathyAssetExists() | 2 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testTomatoAssetExists() | 2 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testPotatoAssetExists() | 3 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| AssetTests.testPizzaAssetExists() | 3 | | | | | x | | | | | | | | | | | | | | | | | | x | | | |
| IngredientTests.testCookDrovesUpTest() | 4 | | | | | | | | | | | | | | x | | | | | x | | | x | x | | | |
| IngredientTests.testIngredientFlipWithCorrectCookingTime() | 2 | | | | | | | | | | | | | | | | | | | | | | | x | x | | |
| IngredientTests.testIngredientDoesNotFlipWithNoCookingTime() | 2 | | | | | | | | | | | | | | | | | | | | | | | x | x | | |
| IngredientTests.testIngredientDoesNotFlipWithNotEnoughCookingTime() | 3 | | | | | | | | | | | | | | | | | | | | | | | x | x | | |
| IngredientTests.testSlice() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MenuTests.testMappingIngredientsSteps() | 3 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| MenuTests.testMappingRecipes() | 2 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| MenuTests.testMappingIngredientsTransformations() | 2 | | | | | | | x | | | | | | | | | | | | | | | | | | | |
| RecipeTests.testCook() | 1 | | | | | | | | | | x | | | | | | | | | | | | | | | | |
| RecipeTests.testContains() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RecipeTests.testMatches() | 2 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| RecipeTests.testDisplayRecipe() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| PowerUpTests.testPowerUpTest() | 1 | | | | | | | | | | | | | | | | | | | | | | | | x | | |
| PowerUpTests.testPowerUpTest() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | x | |
| AudioControllerTests.testMusicExists() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AudioControllerTests.testSoundFXExists() | 1 | | | | | | | | | | | | | | | x | | | | | | | | | | | |
| AudioControllerTests.testAddAudio() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AudioControllerTests.testAddSoundfx() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CollisionTileTest.checkRectangle() | 2 | | | | | | | | | | | | | | | | | | | x | | | | | | | |
| ControlTests.testKeyDown() | 3 | | | | | x | | | | | | | | | | | | | | x | | | | | | | |
| ControlTests.testKeyUp() | 3 | | | | | x | | | | | | | | | | | | | | x | | | | | | | |
| ControlTests.testKeyTyped() | 3 | | | | | x | | | | | | | | | | | | | | x | | | | | | | |
| ControlTests.testTouchDown() | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ControlTests.testTouchUp() | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ControlTests.testTouchDragged() | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ControlTests.testMouseMoved() | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ControlTests.testScrolled() | 2 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.testModeTimeTest() | 1 | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.testNumberOfChefsTest() | 1 | | x | | | | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.testNumberOfCustomersInAWaveTest(1) | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.testNumberOfCustomersInAWaveTest(2) | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.testNumberOfCustomersInAWaveTest(3) | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.testTutorialModeTest() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| EndlessModeTests.showTutorial() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| ScenarioModeTests.testModeTimeTest() | 1 | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| ScenarioModeTests.testNumberOfChefsTest() | 1 | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| ScenarioModeTests.testNumberOfCustomersInAWaveTest() | 1 | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| ScenarioModeTests.testTutorialModeTest() | 1 | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| ScenarioModeTests.showTutorial() | 1 | x | | | | | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testCookAssetExists() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testCustomerAssetExists() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testSoundAssetExists() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testParticleAssetExists() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testPowerUpAssetExists() | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AssetTests.testDifficultyButtonAssetExists() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testPosX() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testPosY() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testGetWidth() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testGetHeight() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testGetDirection() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testGetCollisionBoxAPosition() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testCheckCollision() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testGetPosUpstem() | 3 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testDropItem() | 3 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testFull() | 2 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CookTests.testUpdate() | 2 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CustomerTests.testInMeal() | 1 | | | | | x | | | | | | | | | | | | | | | | | | | | | |
| CustomerTests.testWaitTime() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerTests.testTargetSquare() | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerTests.testShopTargets() | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerControllerTests.testController() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerControllerTests.testSpawnWave() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerControllerTests.testSpawnWaveSave() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerControllerTests.testDeleteCustomer() | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CustomerControllerTests.testCustomerAIPos() | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EntityTests.testDraw | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LeaderboardTests.testSortPlayerData() | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SaveServiceTests.testGetSavedGameLoadValidData() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SaveServiceTests.testSaveGameWritesValidGame() | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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