

IDEA - Innovative Design for Extreme Athletes



CrossTrack - An App For Any Smartphone Driven by Android

INNOVATIVE **D**ESIGN FOR **E**XTREME **A**THLETES



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Variable Status Key

Priority

- | | | |
|-------------|---|--|
| 1 (Highest) | - | A core function |
| 2 (High) | - | Would be very helpful for improving core functions |
| 3 (Low) | - | Would be nice to have |

Progress Status

- | | | |
|--------------|---|--|
| Planning | - | TestCase is currently being planned |
| Designing | - | Test Case is currently being designed |
| Implementing | - | Test Case is currently being implemented |
| Testing | - | Test Case is currently being tested |
| Completed | - | Test Case is completed |
| Deferred | - | Test Case is deferred until next release |

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WODs

Test Case 1: WD1 - View Benchmark

Description: The User views the description for a Benchmark

Actors: User

Desired Outcome: The System displays the description for the selected Benchmark (Name, Type, List of Exercises, Reps/Weights for the Exercises)

User Goals: The User wants to view the description for the selected Benchmark

Dependency Test Cases: None

Requirements: WOR1, CWR4

Details:

-Priority: 1

-Progress: Completed

Preconditions:

- 1 The System is displaying the Main Menu Screen ("W.O.D" button, "Handbook" button, "Statistics" button)

Post Conditions:

- 1 The System displays the Benchmark Screen (List of Benchmarks, description for the selected benchmark, "Start!" button, Main Menu button)
- 2 The System displays the description for the selected Benchmark

Trigger: The User wants to view the description of the selected Benchmark

Workflow:

- 1 The User presses the "W.O.D" button
- 2 The System displays a Pop Up Box with additional buttons (Benchmark, Customize, Cancel)
- 3 The User presses the "Benchmark" button
- 4 The System displays the Benchmark Screen
- 5 The User selects Fran from the List of Benchmarks presented
- 6 The System displays the description for the selected Benchmark

Expected Results:

- The User shall see:
 - The Name of the Benchmark:
 - Fran
 - The Exercises included:
 - Thrusters 95 lbs
 - Pull Ups
 - The Description for the Benchmark:
 - 21-15-9 reps for time
 - The Type of the Benchmark
 - Timed

Checkoff:

Grace, Carter, Cynthia on 6/9/12

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Test Case 2: WD2 - Search Benchmark

Description: The User searches for a Benchmark

Actors: User

Desired Outcome: The System displays the Benchmark that matches the search in the list

User Goals: The User wants to search for a Benchmark

Dependency Test Cases: None

Requirements: WOR2

Details:

- Priority: 2

- Progress: Completed

Preconditions:

- 1 None

Post Conditions:

- 1 The System displays the Benchmark that matches the search in the list

Trigger: The User wants to search for a Benchmark

Workflow:

- 1 The User presses the "W.O.D" button
- 2 The System displays a Pop Up Box with additional buttons (Benchmark, Customize, Cancel)
- 3 The User presses the "Benchmark" button
- 4 The System displays the Benchmark Screen
- 5 The System displays a List of Benchmarks
- 6 The User types "Filthy Fifty" on the keyboard
- 7 The System displays the benchmark that matches the search in the list

Expected Results:

- The User shall see:
 - The List of Benchmarks displaying only Filthy Fifty

Checkoff:

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Workout

Test Case 3: WO1 - Start Workout

Description: The User starts their workout

Actors: User

Desired Outcome: The System starts the Stopwatch

User Goals: The User wants to start their workout

Dependency Test Cases: WD1 - View Benchmark

Requirements: WOR2, WOR5, WOR6

Details:

- Priority: 1

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 1: WD1 - View Benchmark

Post Conditions:

- 1 The System displays the Timed Workout Screen (Stopwatch, "Start" button, "Done" button, "Pause" button, "Resume" button)
- 2 The System starts the Stopwatch

Trigger: The User wants to start their workout

Workflow:

- 1 The User presses the "Start!" button
- 2 The System determines that the Benchmark is Timed
- 3 The System displays the Timed Workout Screen
- 4 The User presses the "Start" button
- 5 The System starts the Stopwatch

Expected Results:

- The User shall see:
 - A Stopwatch running

Checkoff:

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Test Case 4: WO3 - Pause Workout

Description: The User pauses their workout

Actors: User

Desired Outcome: The System stops the Stopwatch

User Goals: The User wants to pause their workout

Dependency Test Cases: WO1 - Start Workout

Requirements: WOR3

Details:

- Priority: 1

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 3: WO1 - Start Workout

Post Conditions:

- 1 The System stops the Stopwatch

Trigger: The User wants to pause their workout

Workflow:

- 1 The User waits until the Stopwatch says 1:00
- 2 The User presses the "Pause" button
- 3 The System stops the Stopwatch/Timer

Expected Result:

- The User shall see:
 - The Stopwatch paused at 1:00

Checkoff:

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Test Case 5: WO4 - Resume Workout

Description: The User resumes their workout

Actors: User

Desired Outcome: The System starts the Stopwatch

User Goals: The User wants to resume their workout

Dependency Test Cases: WO3 - Pause Workout

Requirements: WOR4

Details:

- Priority: 1

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 4: WO3 - Pause workout

Post Conditions:

- 1 The System starts the Stopwatch

Trigger: The User wants to resume their workout

Workflow:

- 1 The User presses the "Resume" button
- 2 The System starts the Stopwatch

Expected Result:

- The User shall see:
 - The Stopwatch is running again

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Test Case 6: WO2 - Finish Workout

Description: The User finishes the workout

Actors: User

Desired Outcome: The System stops the Stopwatch, record the information from the workout, and display the Main Menu Screen

User Goals: The User wants to finish their workout

Dependency Test Cases: WO1 - Start Workout OR WO4 - Resume Workout

Requirements: WOR7

Details:

- Priority: 1

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 3: WO1 - Start Workout, OR
- 1 The User has performed Test Case 5: WO4 - Resume Workout

Post Conditions:

- 1 The System stops the Stopwatch
- 2 The System records the information from the workout
- 3 The System displays the Main Menu Screen

Trigger: The User wants to finish their workout

Workflow:

- 1 The User waits until the Stopwatch says 2:00
- 2 The User presses the "Done" button
- 3 The System stops the Stopwatch
- 4 The System records the information from the workout
- 5 The System displays the Main Menu Screen

Expected Result:

- The User shall see:
 - The Main Menu Screen

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Statistics

Test Case 7: ST1 - Weigh In

Description: The User records their Weight

Actors: User

Desired Outcome: The System records the User's Weight

User Goals: The User wants to records their Weight

Dependency Test Cases: None

Requirements: STR1

Details:

-Priority: 1

-Progress: Completed

Preconditions:

- 1 The System is displaying the Main Menu Screen

Post Conditions:

- 1 The System displays the Statistics Screen
- 2 The System records the User's Weight

Trigger: The User wants to records their Weight for that date

Workflow:

- 1 The User presses the "Statistics" button
- 2 The System displays the Statistics Screen
- 3 The User selects the "Weigh In" button
- 4 The System displays a Pop Up Box with additional buttons (Ok, Cancel) and a Text Field for the Weight
- 5 The System prompts the User to enter their Weight
- 6 The User enters 255
- 7 The User presses the "Ok" button
- 8 The System records the User's Weight

Expected Result:

- The User shall see:
 - The Statistics Screen

Alternate Path:

- 1 The User presses the "Statistics" button
- 2 The System displays the Statistics Screen
- 3 The User selects the "Weigh In" button
- 4 The System displays a Pop Up Box with a Text Field and additional buttons (Ok, Cancel)
- 5 The System prompts the User to enter their Weight
- 6 The User forgets to enter their Weight
- 7 The User presses the "Ok" button
- 8 The System reminds the User to enter their Weight with a pop up message

Checkoff:

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Test Case 8: ST2 - View Weight Graph

Description: The User view a Graph of their Weight

Actors: User

Desired Outcome: The System shall display a Graph of the User's Weight

User Goals: The User wants to view a Graph of their Weight

Dependency Test Cases: ST1 - Weigh In

Requirements: STR2

Details:

-Priority: 1

-Progress: Completed

Preconditions:

- 1 The User has performed Test Case 7: ST1 - Weigh In
- 2 The System is displaying the Statistics Screen

Post Conditions:

- 1 The System shall display the Graph Screen
- 2 The System shall display a Graph of the User's Weight

Trigger: The User wants to view a Graph of their Weight

Workflow:

- 1 The User shall press the "Weight" button
- 2 The System shall display the Graph Screen
- 3 The System shall display a Graph of the User's Weight

Expected Result:

- The User shall see:
 - A Graph of their Weight
 - 255 lbs Today's date
 - 250 lbs May 14, 2012
 - 249 lbs May 15, 2012
 - 248 lbs May 16, 2012
 - 247 lbs May 17, 2012
 - 244 lbs May 18, 2012
 - 240 lbs May 19, 2012
 - 235 lbs May 20, 2012
 - 229 lbs May 21, 2012
 - 222 lbs May 22, 2012
 - 214 lbs May 23, 2012
 - 205 lbs May 24, 2012
 - 195 lbs May 25, 2012
 - 184 lbs, May 26, 2012
 - 172 lbs, May 27, 2012

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Note:

If one wants to leave this screen, press the back hard button (button to the right of the menu button) on the emulator.

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Test Case 9: ST3 - View Personal Bests

Description: The User shall view their Personal Bests

Actors: User

Desired Outcome: The System shall display the User's Personal Bests

User Goals: The User wants to view their Personal Bests

Dependency Test Cases: WO2 - Finish Workout

Requirements: STR3

Details:

- Priority: 1

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 6: WO2 - Finish Workout
- 2 The System shall be displaying the Main Menu Screen

Post Conditions:

- 1 The System shall display the Personal Bests Screen
- 2 The System shall display the User's Personal Bests

Trigger: The User wants to view their Personal Bests

Workflow:

- 1 The User shall press the "Statistics" button
- 2 The System shall display the Statistics Screen
- 3 The User shall press the "Personal Best" button
- 4 The System shall display the Personal Bests Screen

Expected Result:

- The User shall see:
 - The Personal Bests Screen
 - A List of Personal Bests with one item on the list
 - A personal best of 1:00 for Fran

Checkoff:

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Test Case 10: ST4 - View History

Description: The User views their workout History

Actors: User

Desired Outcome: The System displays the User's workout History

User Goals: The User wants to view their workout History

Dependency Test Cases: WO2 - Finish Workout

Requirements: STR4

Details:

- Priority: 1

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 6: WO2 - Finish Workout
- 2 The System is displaying the Main Menu Screen

Post Conditions:

- 1 The System displays the History Screen
- 2 The System displays a Calendar
- 3 The System displays a List of Workouts for the selected date

Trigger: The User wants to view their workout History

Workflow:

- 1 The User presses the "Statistics" button
- 2 The System displays the Statistics Screen
- 3 The User presses the "History" button
- 4 The System displays the History Screen
- 5 The System displays a Calendar
- 6 The User selects today's date on the Calendar
- 7 The System displays a List of Workouts for that date

Expected Result:

- The User shall see:
 - The list of Workouts for today's date displaying only Fran

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Handbook

Test Case 11: HB1 - Create Note

Description: The User creates a Note

Actors: User

Desired Outcome: The System records the User's Note and display the Handbook Screen

User Goals: The User wants to create a Note

Dependency Test Cases: None

Requirements: HBR1

Details:

-Priority: 3

-Progress: Completed

Preconditions:

- 1 The System is displaying the Main Menu Screen

Post Conditions:

- 1 The System records the User's Note
- 2 The System displays the Handbook Screen

Trigger: The User wants to create a Note

Workflow:

- 1 The User presses the "Handbook" button
- 2 The System displays the Handbook Screen
- 3 The System displays an empty List of Notes
- 4 The User presses the "Create" button
- 5 The System displays the Note Screen
- 6 The User enters "Test" for the Title of the Note
- 7 The User enters "This is a test Note!" for the Text of Note
- 8 The User presses the "Save" button
- 9 The System displays a Pop Up Box with additional buttons (Yes, No)
- 10 The System prompts the User to confirm whether or not he wants to save the Note
- 11 The User presses the "Yes" button
- 12 The System records the User's Note
- 13 The System displays the Handbook Screen

Expected Result:

- The User shall see:
 - A List of Notes with only "Test" on the list

Alternate Path:

- 1 The User presses the "Handbook" button
- 2 The System displays the Handbook Screen
- 3 The System displays a List of Notes
- 4 The User presses the "Create" button
- 5 The System displays the Note Screen
- 6 The User forgets to enter a Title for the Note
- 7 The User forgets to enter Text for the Note
- 8 The User presses the "Save" button
- 9 The System displays a notice for the User alerting him that the note is empty.

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Test Case 12: HB2 - View Note

Description: The User views a Note

Actors: User

Desired Outcome: The System displays the Note Screen with the selected Note's information

User Goals: The User wants view the selected Note

Dependency Test Cases: HB1 - Create Note

Requirements: HBR2

Details:

- Priority: 3

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 11: HB1 - Create Note
- 2 The System is displaying the Handbook Screen

Post Conditions:

- 1 The System displays the Note Screen
- 2 The System displays the Title of the selected Note
- 3 The System displays the Text for the selected Note

Trigger: The User wants to view or edit the selected Note

Workflow:

- 1 The User selects the Note called "Test" from the List of Notes
- 2 The System displays the Note Screen
- 3 The System displays the Title of the selected Note
- 4 The System displays the Text for the selected Note

Expected Result:

- The User shall see:
 - The Title of the Note
 - "Test"
 - The Text for the Note
 - "This is a test Note!"

Checkoff:

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Test Case 13: HB3 - Edit Note

Description: The User edits a Note

Actors: User

Desired Outcome: The System updates the selected Note

User Goals: The User wants edit the selected Note

Dependency Test Cases: HB1 - Create Note

Requirements: HBR3

Details:

- Priority: 3

- Progress: Completed

Preconditions:

- 1 The User has performed Test Case 11: HB1 - Create Note

Post Conditions:

- 1 The System updates the selected Note
- 2 The System displays the Handbook Screen

Trigger: The User wants to view or edit the selected Note

Workflow:

- 1 The User selects the Note called "Test" from the List of Notes
- 2 The System displays the Note Screen
- 3 The User adds a sentence ("I like pie.") to the end of the previous sentence
- 4 The User presses the "Save" button
- 5 The System displays a Pop Up Box with additional buttons (Yes, No)
- 6 The System prompts the User to confirm whether or not he wants to overwrite the Note
- 7 The User presses the "Yes" button
- 8 The System records the updated Note
- 9 The System displays the Handbook Screen

Expected Result:

- The User shall see:
 - A List of Notes with only "Test" on the list

Checkoff:

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Test Case 14: HB4 - Select Delete Note

Description: The User deletes the Note

Actors: User

Desired Outcome: The System deletes the selected Note

User Goals: The User wants to delete the Note

Dependency Test Cases: HB1 - Create Note

Requirements: HBR4

Details:

-Priority: 3

-Progress: Completed

Preconditions:

- 1 The User has performed Test Case 11: HB1 - Create Note

Post Conditions:

- 1 The System deletes the selected Note
- 2 The System displays the Handbook Screen

Trigger: The User wants to delete the Note

Workflow:

- 1 The User selects the Note called "Test" from the List of Notes
- 2 The System displays the Note Screen
- 3 The User presses the "Delete" button
- 4 The System displays a Pop Up Box with additional buttons (Yes, No)
- 5 The System prompts the User to confirm deletion
- 6 The User presses the "Yes" button
- 7 The System deletes the selected Note
- 8 The System displays the Handbook Screen

Expected Result:

- The User shall see:
 - The List of Notes with nothing in the List

Checkoff:

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Custom Workout

Test Case 15: CW1 - Add Exercise

Description: The User adds an Exercise to the Custom Workout

Actors: User

Desired Outcome: The System updates the Custom Workout

User Goals: The User wants to add the selected Exercise to the Custom Workout

Dependency Test Cases: None

Requirements: CWR1

Details:

-Priority: 1

-Progress: Completed

Preconditions:

- 1 The System is displaying the Main Menu Screen

Post Conditions:

- 1 The System updates the Custom Workout
- 2 The System displays the Custom WOD Screen

Trigger: The User wants to add the selected Exercise to the Custom Workout

Workflow:

- 1 The User presses the "W.O.D" button
- 2 The System displays a Pop Up Box with additional buttons (Benchmark, Customize, Cancel)
- 3 The User presses the "Customize" button
- 4 The System displays the Custom Workout Screen
- 5 The System displays a List of Exercises
- 6 The User selects an Burpees from the List of Exercises
- 7 The System displays the Exercise Screen with a description of Burpees
- 8 The User enters the number of reps (50), the weight (500), and unit (lbs) for the selected Exercise
- 9 The User presses the "Done" button
- 10 The System adds the selected Exercise to the Custom Workout
- 11 The System displays the Custom Workout Screen

Expected Result:

- The User shall see:
 - The Custom Workout Screen
 - Burpees added to the list of exercises in the Custom Workout

Checkoff:

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Test Case 16: CW2 - Finish Custom Workout

Description: The User finishes creating their Custom Workout

Actors: User

Desired Outcome: The System records the Custom Workout and display the Workout Screen

User Goals: The User wants to finish creating their Custom Workout

Dependency Test Cases: CW1 - Add Exercise

Requirements: CWR1, CWR2, CWR3

Details:

-Priority: 1

-Progress: Completed

Preconditions:

- 1 The User has performed Test Case 15: CW1 - Add Exercise
- 2 The System is displaying the Custom Workout Screen

Post Conditions:

- 1 The System records the Custom Workout
- 2 The System displays the Workout Screen

Trigger: The User wants to finish creating their Custom Workout

Workflow:

- 1 The User presses the "Done" button
- 2 The System displays a Pop Up Box with additional buttons (Timed, AMRAP, Ok) and a Text Field for the Custom Workout's Name
- 3 The System prompts the User to name their Custom Workout
- 4 The User enters name their Custom Workout "Pie"
- 5 The User presses the "AMRAP" button
- 6 The System displays a Pop Up Box with additional buttons (Ok, Cancel) and a Text Field for the Time
- 7 The System prompts the User to enter a Time
- 8 The User enters 1
- 9 The User presses the "Ok" button
- 10 The System records the Custom Workout
- 11 The System displays the Workout Screen

Expected Result:

- The User shall see:
 - The Workout Screen
 - The Timer at 1:00

Checkoff:

Grace, Carter, Cynthia on 6/9/12