
PersonalProject

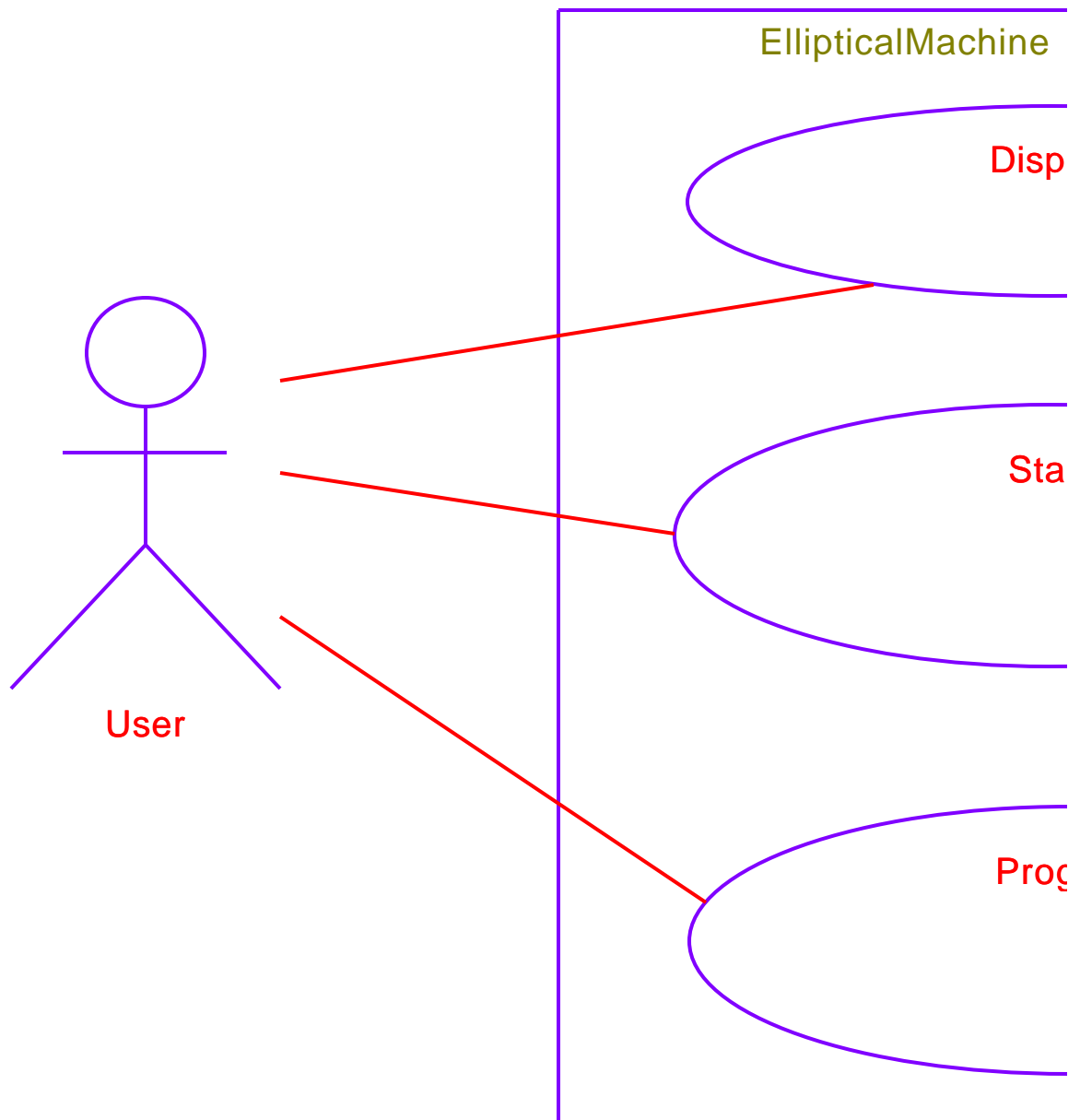
Report on Configuration
DefaultConfig

PACKAGES

Default

USE CASE DIAGRAMS:

ExerciseMachine



GLOBALS:

ACTORS:

User

This is the user who is a person and actively uses the EllipticalMachine. He/she interacts with the Program, Start, and UserInterface use cases.

Relations:

itsDisplay

Association with Display, Multiplicity of 1, Bi-directional

itsStart

Association with Start, Multiplicity of 1, Bi-directional

itsProgram

Association with Program, Multiplicity of 1, Bi-directional

USE CASES:

Display

During any workout the user has the ability to press a button off of the display to gain information pertaining to his/her workout. Examples are how many calories burned, heart rate, how many calories burn per hour, time remaining in workout or time elapsed, inclination level and resistance level.

Relations:

itsUser

Program

When the Program button is pressed it prompts the user to put in their weight, amount of time for workout and course. After all that is entered the workout begins. User has the ability to adjust his/her workout, such as resistance, time, and inclination at anytime. If the Program button is pressed again, the machine ignores the request. The workout ends and the end of the workout time and starts over for another user.

Relations: What courses are available?

itsUser

Start

When the start button is pressed the machine begins on the lowest inclination and resistance of 1. The user starts using the machine and adjusts it according to his/her preferences. The display is set to show time elapsed. If the person were to press start again it would ignore it. It stops when the user presses the stop button.

Relations:

itsUser

The start is really a start/stop, or else you need a stop.

try to specify each and every detail of what the user and machine are capable of doing/requesting. you have eluded to many of them but have not specifically defined them. You have my tentative approval, but you should improve on this use case for your final



COMPONENTS

DefaultComponent

COMPONENT SETTINGS:

Build type: Executable

CONFIGURATIONS:

DefaultConfig

Scope type: Explicit

Instrumentation type: None

Time-model type: Real-time

Statechart generation type: Flat

FILES AND FOLDERS: