

Title

CS for Social Change: Smart Cart

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Abstract Smart Cart is an application developed by a team of students in CSCI 1951I in collaboration with Maya Vadiveloo, a nutrition researcher at the University of Rhode Island. It is targeted towards low-income community members with the goal of encouraging healthy and affordable food choices. It accomplishes this by providing the user with coupons and educational resources based on their dietary needs. Major parts of this project include an algorithm which selects weekly content to be distributed to users and a front-end implemented as a Progressive Web Application.