
United Way Community Resources First Partner Meeting



HENDRIX

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CSCI 340: Database and Web Systems



Client Mission

Easy access to resources for all community members

- Implementation in multiple languages (including Spanish-speaking populations)
- Easy navigation for users with low literacy rates

User Stories

As a	I want	so that	Priority	Timeframe
United Way employee	a web scraper or automated email to organizations	I can spend less time updating organization information	High	2 Weeks
person in crisis	images corresponding to options	I can use the database even if I am illiterate	High	2 Weeks
person in crisis	a way to see if the organization is currently open	I can get the help I need when I need it	High	1 Week
person in crisis	easy way to find specific needs	I can get help quickly regardless of technology skills	High	2 Weeks

User Stories

As a	I want	so that	Priority	Timeframe
person in crisis	Spanish translation of information	I can use the database even if I am ESL	High	3 Days
person in crisis	a smartphone app	I can access the resources page without a computer	Medium	3.5 Weeks
United Way employee	A search with several filters/tags	I can look at the organizations which provide two or more type of resources	Medium	1 week

User Stories

As a	I want	so that	Priority	Timeframe
person in crisis	a way to see the closest organizations to me	I can find an organization within walking distance	Medium	1.5 Weeks
United Way employee	A smartphone app with a simple user interface and without log-in	I can quickly search the desired organization (Without logging in)	Medium	3.5 weeks

User Stories

As a	I want	so that	Priority	Timeframe
Resource Organization(s)	Access to the website (through a log in?)	I can update our information such as telephone number, address etc.	Low	2 weeks
United Way employee	a search/page view counter	I can apply for grants	Low	1 day
United Way employee	a way for users to select which resource they choose to use	I can assess areas in need in the community and apply for grants	Low	3 days
person in crisis	rating system for resources/ comments section	I can find the best organization for my needs	Low	2 weeks

Use Cases

Actors and Stakeholders:

Actors:

- Users
- Application

Stakeholders:

- Group
- United Way
- User

1. Use Case: Translation -

Primary Actor: User

Precondition: User navigates to webpage

Trigger: User selects language for translation

Minimal Guarantee: Website displayed in English

Success Guarantee: Web page displayed in selected language

Main Success Scenario:

1. User selects language
2. Page translated to selected language
3. Page displayed to user

2. Use Case: User searches for resource-

Primary Actor: User

Precondition: Web page loaded

Trigger: User enter search criteria

Minimal Guarantee: site will display resources in list similarly to how they are now

Success Guarantee: site will display relevant resources

Main Success Scenario:

1. User enters search criterion
 - a. Images available for selection
 - b. How can we adapt for illiteracy?
2. Search results displayed to user
 - a. Results ordered by available times and distance
 - b. Listed by relevance

3. Use Case: Connect to resource -

Primary Actor: User

Precondition: Site loaded & user performed search

Trigger: User select site, phone number, link, etc.

Minimal Guarantee: Connection options displayed to user

Success Guarantee: user will be connected to resource via phone number, website, etc.

Main Success Scenario:

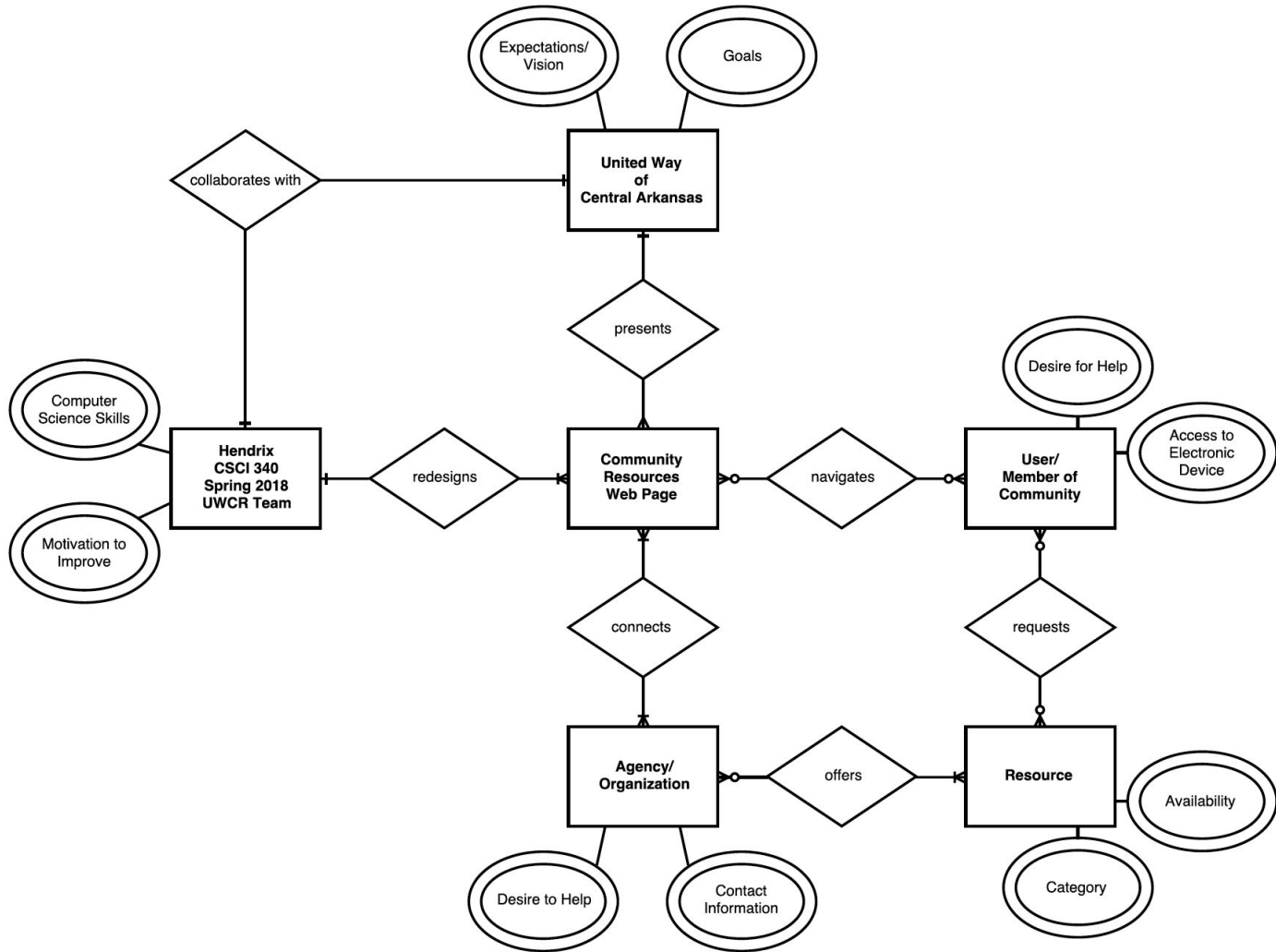
1. User select connection.
2. User connected to resource.

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    graph TD
      H[Hendrix CSCI 340 Spring 2018 UWCR Team]
      U[United Way of Central Arkansas]
      C[Community Resources Web Page]
      A[Agency/Organization]
      M[User/Member of Community]
      R[Resource]

      H -- "collaborates with" --> U
      U -- "presents" --> C
      H -- "redesigns" --> C
      C -- "connects" --> A
      A -- "offers" --> R
      M -- "navigates" --> C
      M -- "requests" --> R

      CS([Computer Science Skills]) --- H
      MI([Motivation to Improve]) --- H
      EV([Expectations/Vision]) --- U
      G([Goals]) --- U
      DH1([Desire for Help]) --- M
      AED([Access to Electronic Device]) --- M
      AV([Availability]) --- R
      CAT([Category]) --- R
  
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Follow-up Questions

- Ask for compiled collection of current resource providers
- Clarification on relationship between our project and Charity Tracker
- Request current style layout of website