



Use cases

- Express interest in field
 - When on an occupational field page, a user may click a button signifying their interest in a field ("like" button). The accumulated total of likes for field displayed to all users.
- Search Job Prospects
 - User drills down to a occupational field of interest via search criteria or increasingly specific options.
- View Job Prospects
 - Users can view key indicators such as informative statistics, graphs and maps for a specified occupational fields.
- Compare Cincinnati to national prospects
 - Provides an overview of Cincinnati prospects against national equivalents. Shows best/worst jobs for this area by availability. Shows trends in growth over time.
- Search Job Opportunities
 - Allow Job Seeker / Recruiter to search available job opportunities for potential employment.
- Sort Results by column
 - Allow user to sort results of Job Opportunity and Job Prospect searches by column.
- Advanced search
 - Allow user to narrow search results for Job Opportunity and Job Prospect with multiple criteria.
- Import Job Data
 - Import data from third party sites (Monster, Indeed, etc).
- Import Cincy Data
 - Import data from Open Data Cincy. This data contains current and future job prospects used to populate the pages of this site.
- Import BLS Data
 - Import data from Bureau of Labor Statistics. This data contains current and future job prospects used to populate the pages of this site.
- Login User
 - Allows user to authenticate with server via a unique id (email address) and personal password. The user will have access to a password reset utility in the event their password is lost/forgotten.
- Manage User Account
 - Allows user to manage contact information, password, favorite pages and mailing lists.
- Manage Admin Account
 - Allows admin to manage password and other adminy things.
- Create User Account
 - Users must be able to register for an account. Users will provide an email address used to identify and communicate with them. Users will also set a password and security questions.

- Reset Password
 - o User will be able to reset a lost or forgotten password via a reset utility. The utility will ask security questions before sending a temporary password the email associated with the account.

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Use Case Section	Comment
Use Case Name	View Job Prospect
Scope	Job Outlook Portal
Level	User-Goal
Primary Actor	Job Seeker; Recruiter
Stakeholders and Interests	<p>Job Seeker: Wants to view strength of job field in Cincinnati area. Looking for trends revealing thriving/failing markets to evaluate employment potential.</p> <p>Recruiter: Wants to view strength of job field in Cincinnati area. Looking for trends revealing thriving/failing markets to adjust recruiting efforts. Wants Job Seekers to obtain attractive and accurate information.</p> <p>Third Party Site: Wants Job Seekers to obtain attractive and accurate information.</p>
Preconditions	User has identified a job field whose prospects they wish to investigate further.
Success Guarantee	User has obtained knowledge of job prospects in relevant field. User is provided link to a job search related to their selected field.
Main Success Scenario	<ol style="list-style-type: none"> 1. User enters home page for specified job field 2. User is presented options to view data in graphs, charts and/or maps 3. User selects an option 4. User peruses onscreen information.

Use Case Section	Comment
	5. Repeat steps 3-4 until satisfied.
Extensions	<p>At any time user may leave this section</p> <ul style="list-style-type: none">* no effects <p>At any time user may select link to related Job Opportunites</p> <ul style="list-style-type: none">* System captures specifics of current job prospects and feeds it into a Job Opportunity search* Results are displayed to user* See Search Job Opportunities UC
Special Requirements	N/A
Technology and Data Variations List	These pages shall be read only. The only user interface will be selection of display medium.
Frequency of Occurrence	Most visitors may use this feature.
Miscellaneous	Such as open issues.

Use Case Section	Comment
Use Case Name	Express interest in field
Scope	Job Outlook Portal
Level	subfunction
Primary Actor	Job Seeker
Stakeholders and Interests	<p>Job Seeker: Wants to share information with friends and other interested parties. Wants to engage socially with website.</p> <p>Recruiter: Wants to view interest in field by user. May use this information for targeted recruitment focus. May influence frequency of job posts</p>
Preconditions	User must have found job field of interest.
Success Guarantee	User has "liked" a job field. Accumulated total of likes for field displayed to all users.
Main Success Scenario	<ol style="list-style-type: none"> 1. User is investigating a job field for opportunities or prospects. 2. User broadcasts interest in field by clicking "like" or similar button 3. Accumulated total of likes for field displayed to all users.
Extensions	Alternate scenarios of success or failure.
Special Requirements	N/A
Technology and Data Variations List	N/A
Frequency of Occurrence	Proportional to number of millennials using system.

Use Case Section	Comment
Miscellaneous	Possible social network integration Possible analytics/heat maps

Use Case Section	Comment
Use Case Name	Search Job Prospects
Scope	Job Outlook Portal
Level	User-Goal
Primary Actor	Job Seeker; Recruiter
Stakeholders and Interests	<p>Job Seeker: Wants to view strength of job prospects in Cincinnati area. May narrow to a specific job field. Looking for trends revealing thriving/failing markets to evaluate employment potential.</p> <p>Recruiter: Wants to view strength of job prospects in Cincinnati area. May narrow to a specific job field. Looking for trends revealing thriving/failing markets to adjust recruiting efforts.</p>
Preconditions	Prospects must be entered by System Administrator
Success Guarantee	User will have a list of Job Prospects matching specified search criteria
Main Success Scenario	<ol style="list-style-type: none"> 4. User visits Search For Job Prospects area of site 5. (optional) User enters search criteria to narrow results 6. Job Prospects matching user's search criteria are displayed. If no criteria is entered, all results are displayed. 7. Repeat steps 2 & 3 until a satisfactory result is found 8. User selects Job Prospect of interest 9. Continue to View Prospects Use Case

Use Case Section	Comment
Extensions	At any time user may stop searching A search may not return any results if criteria are too specific. Notify user to alter criteria and before continuing to search.
Special Requirements	N/A
Technology and Data Variations List	* User may sort results by column
Frequency of Occurrence	Influences investigation, testing, and timing of implementation.
Miscellaneous	Such as open issues.

Use Case Section	Comment
Use Case Name	Import Cincy Data
Scope	Job Outlook Portal
Level	User-goal
Primary Actor	System Administrator
Stakeholders and Interests	<p>System Administrator – wants a cohesive import process with minimal errors.</p> <p>Job seeker – wants accurate, informational and up-to-date data from a reliable source.</p> <p>Recruiter - wants accurate, informational and up-to-date data from a reliable source.</p>
Preconditions	Administrator is logged in under an account with administrative privileges. Open Data Cincy has new data available.
Success Guarantee	Data from Open Data Cincy uploaded to system.
Main Success Scenario	<ol style="list-style-type: none"> 1. System Administrator (Admin) pulls data from Open Data Cincy to local storage. 2. Admin performs parsing/mapping operations on data 3. Admin checks integrity of data 4. Admin uploads data to server
Extensions	<p>Equipment such as the server may malfunction</p> <ul style="list-style-type: none"> • File ticket with Amazon support services <p>Data may be malformed.</p> <ul style="list-style-type: none"> • Attempt to re-parse data

Use Case Section	Comment
	<ul style="list-style-type: none">• Attempt manual corrections to data• Alert customer support at Open Data Cincy
Special Requirements	Data must be available from Open Data Cincy.
Technology and Data Variations List	Data may come in .xls and .pdf formats.
Frequency of Occurrence	Annually at most
Miscellaneous	Import from Open Data Cincy may occur in conjunction with import from Bureau of Labor Statistics Data format may conflict with BLS Data Mapping may be necessary

Use Case Section	Comment
Use Case Name	Login User
Scope	Job Outlook Portal
Level	subfunction
Primary Actor	Job-Seeker / Recruiter
Stakeholders and Interests	<p>Job-Seeker – Wants efficient and effective process. Wants login to be easily accessible. Wants password reset function in case of lost/forgotten password.</p> <p>Recruiter – Wants efficient and effective process. Wants login to be easily accessible. Wants password reset function in case of lost/forgotten password.</p> <p>System Administrator – Wants minimal troubleshooting issues while users are logging in.</p>
Preconditions	User must have previously registered an account with the system.
Success Guarantee	User will be logged into account. User will be able to manage their account. User will be able to access favorite fields and recruitment lists associated with their account.
Main Success Scenario	<p>User visits login page</p> <p>User enters username/email address</p> <p>User enters password</p> <p>User clicks login button</p>
Extensions	Users are wont to forgetting their

	<p>passwords.</p> <ul style="list-style-type: none">• User clicks password reset link• User answers security questions• User receives email with temporary password• User logs in using temporary password
Special Requirements	N/A
Technology and Data Variations List	Use of CAPTCHA to prevent DDOS attacks on login system
Frequency of Occurrence	Once per visit
Miscellaneous	N/A

Use Case Section	Comment
Use Case Name	Import BLS Data
Scope	Job Outlook Portal
Level	User-goal
Primary Actor	System Administrator
Stakeholders and Interests	<p>System Administrator – wants a cohesive import process with minimal errors.</p> <p>Job seeker – wants accurate, informational and up-to-date data from a reliable source.</p> <p>Recruiter - wants accurate, informational and up-to-date data from a reliable source.</p>
Preconditions	Administrator is logged in under an account with administrative privileges. Bureau of Labor Statistics has new data available.
Success Guarantee	Data from Bureau of Labor Statistics uploaded to system.
Main Success Scenario	<ol style="list-style-type: none">1. System Administrator (Admin) pulls data from Bureau of Labor Statistics to local storage.2. Admin performs parsing/mapping operations on data3. Admin checks integrity of data4. Admin uploads data to server
Extensions	<p>Equipment such as the server may malfunction</p> <ul style="list-style-type: none">• File ticket with Amazon support services

Use Case Section	Comment
	Data may be malformed. <ul style="list-style-type: none">• Attempt to re-parse data• Attempt manual corrections to data• Alert customer support at Bureau of Labor Statistics
Special Requirements	Data must be available from Open Data Cincy.
Technology and Data Variations List	Data may come in .xls and .pdf formats.
Frequency of Occurrence	Annually at most
Miscellaneous	Import from Bureau of Labor Statistics may occur in conjunction with import from Open Data Cincy Data format may conflict with Open Data Cincy Mapping may be necessary