Use cases for Trend Module

**Personas: Job Seeker**

**1.**

**Name**-Compare Trends

**Description**-The Job Seeker compares trends and job market for different skills.

**Pre-Conditions-**

Must be logged in

Must have clicked on Compare Skills link on Dashboard.

**Flow-**

Job Seeker clicks on the Compare Skills link.

Job Seeker lands on a page showing comparison (current rankings) of skills based on TIOBE index as default.

A brief description of interpretation of the data is displayed.

Expandable options are available to

a. Add Skills.

b. Change comparison metric

c. Change comparison Duration

**Post conditions**

A comparison between different skills is shown with options to customize in all aspects.

**2.**

**Name-** Comparison Metric

**Description-** Job seeker changes the metric on which different skills are to be compared**.**

**Pre-conditions-**

Must be on Compare Skills page.

Must have clicked on Metric option which displays TIOBE by default.

**Flow-**

Job seeker clicks on the Metric option.

The option expands and Job Seeker is shown a list of various comparison metrics like

a. Jobs in market

b. Salary.

c. Popularity on open source platforms like github, stack overflow etc.

Job Seeker selects any one of the shown options.

The page gets updated showing comparison graph based on new metric.

Description of the visualization is updated.

**Validation-**

Job Seeker can select only one metric at a time.

**Post Conditions-**

Comparison and a brief description are shown according to metric selected.

**3.**

**Name-**Skills to compare

**Description-** Job Seeker adds more skills to compare.

**Pre-conditions-**

Must be on Compare Skills page.

Must have clicked on Add Skills option.

**Flow-**

Job seeker clicks on the Add Skills option.

Option expands showing various skills (JavaScript ,C,C++,PHP etc.)

Job Seeker selects skills that need to be compared on the metric.

Line graph for each new skill is added to existing comparison graph.

Description is updated in accordance with new skills added.

**Validation-**

Job Seeker must select at least one skill.

Only the skills valid for the selected duration must be displayed in options.

**Post conditions-**

Comparison and a brief description are shown according to skills selected.

**4.**

**Name-** Duration of comparison

**Description-** Job Seeker defines duration over which skills are to be compared.

**Pre-conditions-**

Must be on Compare Skills page.

Must have clicked on Duration option.

**Flow-**

Job seeker clicks on the Duration option.

Option expands showing various durations such as 1 week, 1 month, 6 months, 1 year etc. and customized duration.

Job Seeker selects an option or sets his own duration by selecting start and end month, year via clicking on customized duration option.

Comparison Line Graph for skills on a metric gets updated for the duration selected along with the interpretation description.

**Alternate flow-**

Job seeker selects the option None (selected by default).

Skills are compared in the current scenario.

Comparison is shown via ranks and not line graphs.

Comparison and description are displayed for current time.

**Validation-**

Selected skills should be valid for the selected duration.

**Post conditions-**

Comparison and description are updated for the duration selected.