GOLDEN AGE GRAPH

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Iron Yard Front End
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Name of App: Golden Age Graph

Description:

This single page application will allow users to explore and interact with an infographic representing the connectivity of hip hop artists between 1986 to 2000.

Technology:

-Javascript elements
- Angular
- Angular Route
- jQuery
- CRUD Methods

-HTML & CSS
-SVG
-Genius API
-Whosampled API
-Youtube API

MVP Features:

1. Page displays a graphic that features major artists from the hip scene between the years of 1986 and 2000
2. The artists are displayed in circles with connecting lines running to related artists
   a. on artist hover, the branching relation lines are highlighted with a color change & SVG animation
   b. on relation dot hover, the two related artists are highlighted as well as the conjoining lines
3. On relation dot click, a detail view is displayed with the full info regarding the shout out or sample in question
4. Map exploration is possible by zooming in and out, as well as scrolling in all directions

STORIES:

1. **Artist data determination of worth / collection**

   size: Large

   Value Statement: As a user, I don't want to be overwhelmed by too many artists (particularly less popular and minorly related artists). For the ease and enjoyment of using this app I will want only to explore the more pertinent artists of hip hop.

   Assumption:

   1. User has a basic knowledge of hip hop / is interested in the genre
   2. Reliable album / artist rankings are available for the genre

   Acceptance:

   The app includes an amount of artists / info that is both expansive and easily explorable. The amount of info is not so exhaustive that it overwhelms or/and confuses the user.

2. **Collection of artist photos**

   size: medium

   Value Statement: As a user, I will find the info easier to understand and more enjoyable if the artist nodes display photos of artists.

   Assumption:

   1. User has prior knowledge of how the artist looks
   2. Photos are able to be used without copyright issues

   Acceptance:

   Each artist node displays the correct artist photo, appropriately sized.

3. **Creation of artist map in illustrator**

   size: Large

   Value Statement: The app is completely based around the ability to visually see the connections of artists.

   Assumption:

   1. User is not blind

   Acceptance:

   Graphic is pleasing to the eye and easy to navigate. The graphic appears on the page on load and is appropriately sized.

4. **Animated interactivity of map elements**
   size: medium
   Value Statement: As a user, I want the connections to be as easy to distinguish as possible. The map will encourage discovery and play if the elements are interactively styled
   Assumption:
      1. Users prior tech experience will incline them to assume elements on page are interactive
   Acceptance:
   On artist hover, connective lines are SVG animated. Artist node border is hilighted.
5. **Detail View template**
   size: medium
   Value Statement: Detail info will add depth and further explorability to app
   Assumption:
      1. Users are interested in exploring further information.
   Acceptance:
   Basic template structure is ready to be populated with data.
6. **Detail View parallaxing**
   size: medium
   Value Statement: User will be encouraged to play with the app if sleek design elements are going on
   Assumption:
      1. User is not strictly looking for data, but is interested in the experience of the app
   Acceptance:
   Parallaxing effects work smoothly when scrolled.
7. **Info population**
   size: medium - large
   Value Statement: If users want to explore data, they need the correct data in the detail
   Assumption:
      1. User wants more data than strictly visual connections
   Acceptance:
   Correct referent, image, and annotation data pulled from API
8. **Video on detail**

size: medium - large

Value Statement: Users interested in music, like to hear the related songs and are encouraged to stay on site longer.

Assumption:

1. User is not deaf
2. Data is able to be associated with youtube videos

Acceptance:

Detail view displays the correct video (or videos in regard to samples detail).

9. **Zoom map**

size: medium

Value Statement: Users will get a clearer overall concept of the connective superstructure. Users will be able to navigate the map easier.

Assumption:

1. SVG graphics can be zoomed in and out
2. zooming in and out will not deter from the ability to track connections

Acceptance:

The map can be zoomed in and out by key functionality

10. **Scroll map**

size: medium

Value Statement: Scrolling will encourage exploration as well as illustrate the expansiveness of the map

Assumption:

1. User will want to explore the map

Acceptance:

The map can be scrolled up, down, left and right when zoomed in.

11. **Window view basic info**

size: medium

Value Statement: A popup window with basic info will make the map more readable. Users are going to want to see basic info before diving deep into full info.

Assumption:

1. users will interact with map.
2. users will have basic familiarity with song titles
3. basic info will encourage further interest

Acceptance:

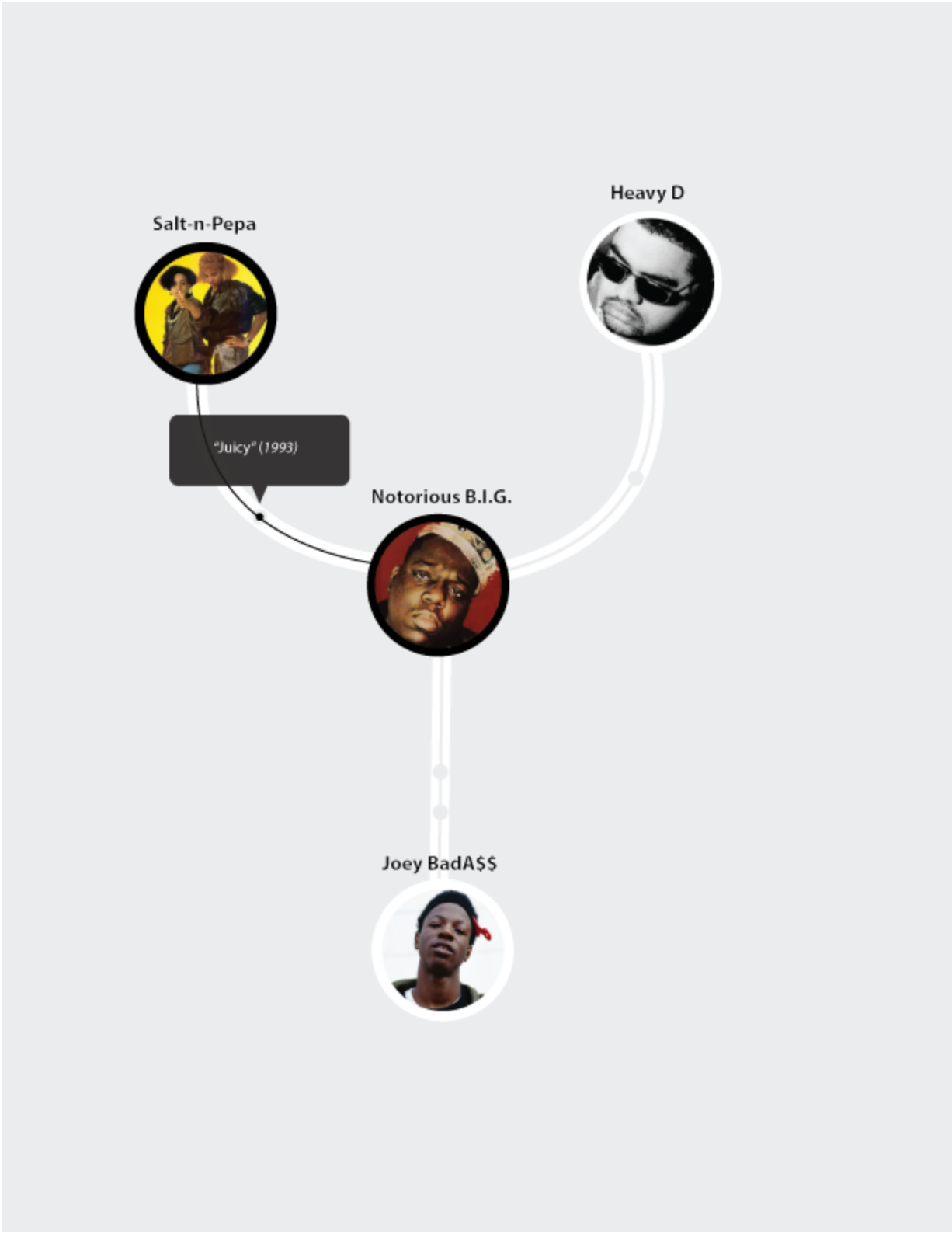
On dot hover, a window with the correct basic info is displayed in a pleasing graphic way.

Future Roadmap:

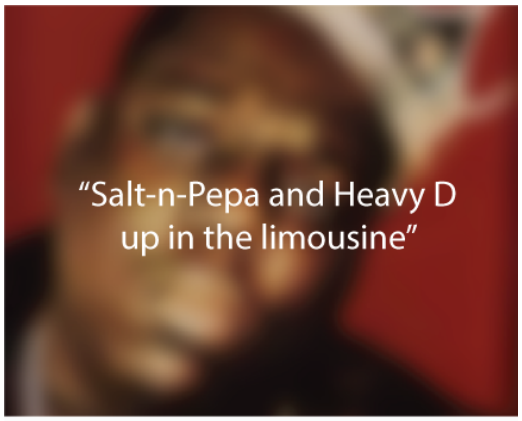
1. D3 implementation in generating more robust map
2. Expanded timeline for genre (70-86, 2000-present)
3. Cultural ref connections (other art referances (authors, artist, poets, TV, movies etc), cultural artifacts (vehicles, products, etc)
4. search feature to hide / hilight parts of the map

WIREFRAMES:

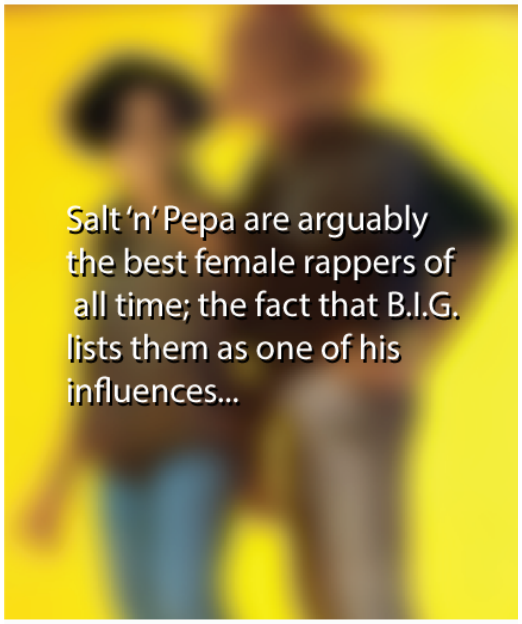
basic structure of main



Detail view:



"Juicy"
by **Notorious B.I.G**
1993



video