HCI project 1

by:
2021UCA1815: Avneet Singh Bedi
2021UCA1845: Balvinder Singh
2021UCA1846: Akshi Singhal
2021UCA1859: Sneha Gupta
2021UCA1874: Tanisha Majumdar

Domain 1: Grocery Delivery Apps

Blinkit vs Zepto vs Amazon Fresh vs BigBasket vs JioMart

1. Learnability

- **Blinkit**: 4.5/5
  Simple and intuitive design with clear categories and CTAs.
- **Zepto**: 4.5/5
  Well-organized, easy-to-understand navigation structure.
- **Amazon Fresh**: 5/5
  Extremely intuitive, leveraging familiarity with the broader Amazon ecosystem.
- **BigBasket**: 4.5/5
  Clear layout and category organization, easy to navigate.
- **JioMart**: 4/5
  Intuitive but slightly less polished than Amazon Fresh.

2. Efficiency

- **Blinkit**: 4.5/5
  Fast, streamlined processes with quick access to essentials.
- **Zepto**: 4.5/5
  Efficient product access and checkout, with a focus on speed.
- **Amazon Fresh**: 5/5
  Highly efficient with personalized recommendations and one-click checkout.
- **BigBasket**: 4/5
  Efficient but slightly more steps in the checkout process.
- **JioMart**: 4/5
  Effective, though the checkout could be more streamlined.

3. Memorability

- **Blinkit**: 4/5
  Consistent design aids memorability, though simpler than Amazon Fresh.
- **Zepto**: 4/5
  Logical grouping and consistent design support memorability.
- **Amazon Fresh**: 5/5
  High memorability due to consistent design language with Amazon's main site.
- **BigBasket**: 4.5/5
  Consistent layout with features like "My Basket" aiding recall.
- **JioMart**: 4/5
  Consistent design, but less distinctive compared to Amazon Fresh.

4. Errors

- **Blinkit**: 4.5/5
  Strong error prevention and recovery mechanisms.
- **Zepto**: 4.5/5
  Effective in preventing and recovering from errors.
- **Amazon Fresh**: 5/5
  Excellent error management with clear recovery options.
- **BigBasket**: 4.5/5
  Solid error prevention, with good recovery options.
- **JioMart**: 4/5
  Good error handling, but not as refined as Amazon Fresh.

5. Satisfaction

- **Blinkit**: 4/5
  Highly satisfying experience with clean design, though less engaging visually.
- **Zepto**: 4.5/5
  Satisfying, with a focus on speed and efficiency.
- **Amazon Fresh**: 5/5
  High satisfaction due to seamless integration with Amazon and a visually appealing design.
- **BigBasket**: 4/5
  Functional and satisfying, though slightly less engaging visually.
- **JioMart**: 3.5/5
  Functional but could improve in terms of aesthetic appeal.

6. Accessibility

- **Blinkit**: 4/5
  Generally accessible, though some advanced features may be lacking.
- **Zepto**: 4/5
  Mobile-friendly with basic accessibility features.
- **Amazon Fresh**: 4.5/5
  Strong accessibility, though there's always room for further improvement.
- **BigBasket**: 4/5
  Good mobile optimization, with basic accessibility features.
- **JioMart**: 3.5/5
  Basic accessibility, but lacks advanced features like customizable text size.

Overall Comparison

- **Amazon Fresh**: 4.8/5
  Amazon Fresh excels in nearly all areas, especially in learnability, efficiency, and satisfaction, benefiting from Amazon's broader ecosystem.
- **Zepto**: 4.4/5
  Zepto performs very well, especially in efficiency and satisfaction, making it a strong contender in the grocery delivery space.
- **Blinkit**: 4.3/5
  Blinkit offers a highly usable platform with strengths in learnability and efficiency, though slightly behind Amazon Fresh.
- **BigBasket**: 4.3/5
  BigBasket is solid across all categories, particularly in memorability and error handling, though it lacks the polish of Amazon Fresh.
- **JioMart**: 3.9/5
  JioMart is functional and effective but could improve in areas like satisfaction and accessibility to compete more strongly with the others.

Comparison Table

Measure	Blinkit	Zepto	Amazon Fresh	BigBasket	JioMart
Learnability	4.5/5	4.5/5	5/5	4.5/5	4/5
Efficiency	4.5/5	4.5/5	5/5	4/5	4/5
Memorability	4/5	4/5	5/5	4.5/5	4/5
Errors	4.5/5	4.5/5	5/5	4.5/5	4/5
Satisfaction	4/5	4.5/5	5/5	4/5	3.5/5

Measure	Blinkit	Zepto	Amazon Fresh	BigBasket	JioMart
Accessibility	4/5	4/5	4.5/5	4/5	3.5/5
Overall	**4.3/5**	**4.4/5**	**4.8/5**	**4.3/5**	**3.9/5**

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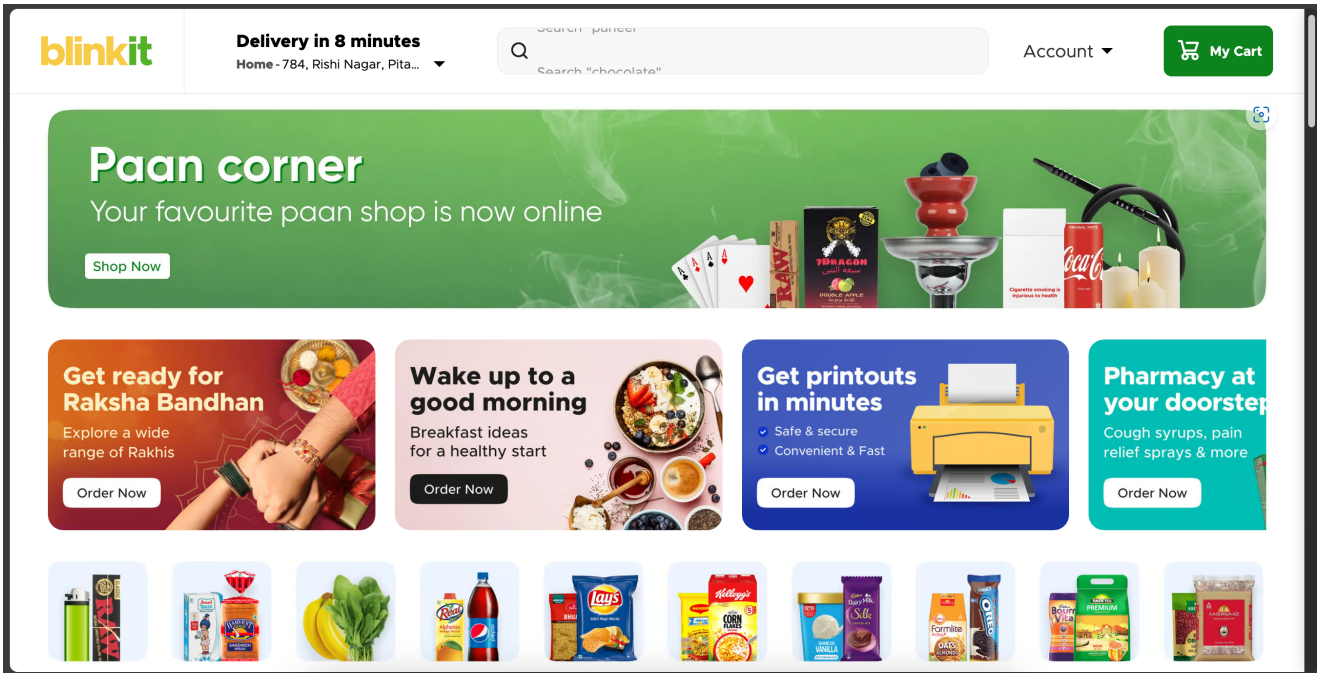

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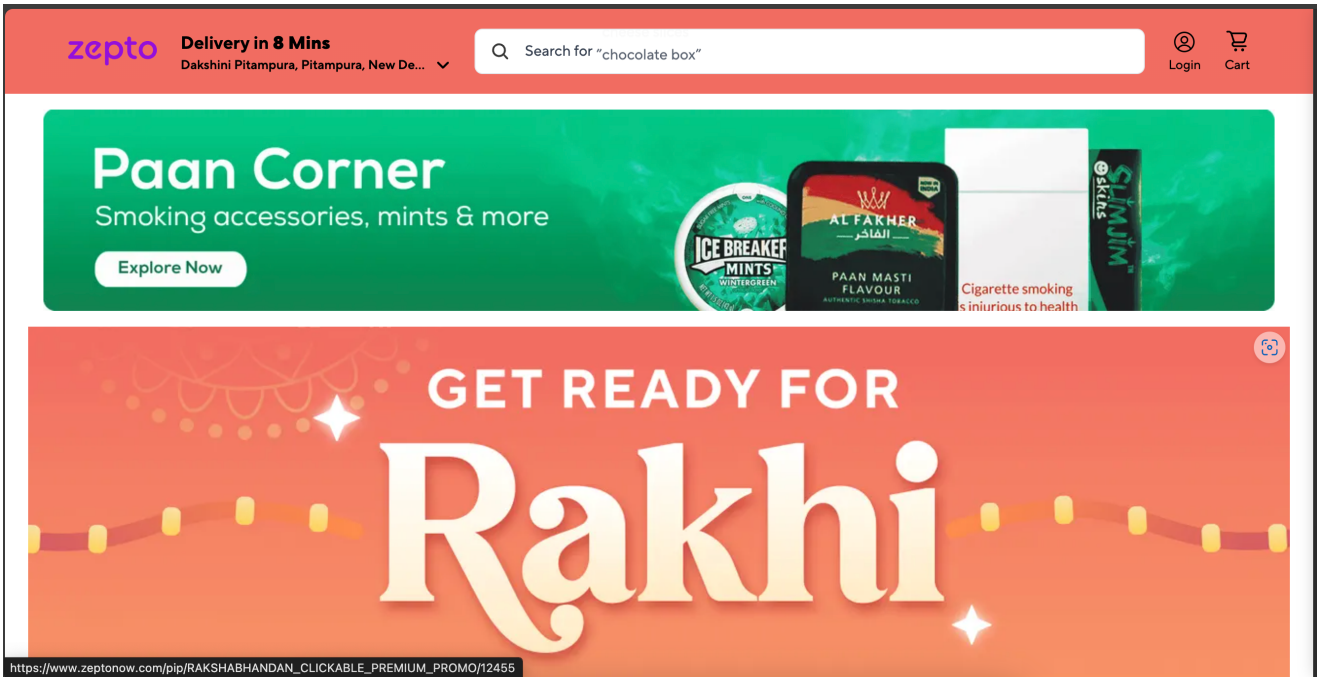

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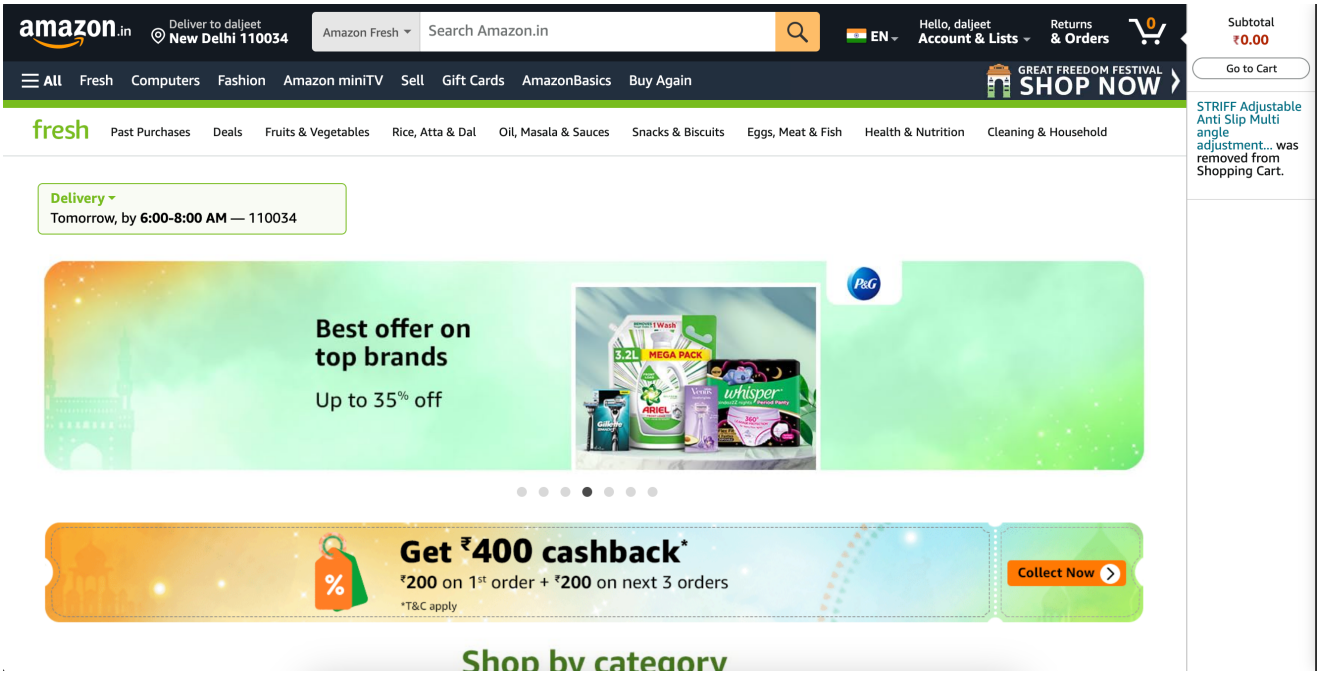

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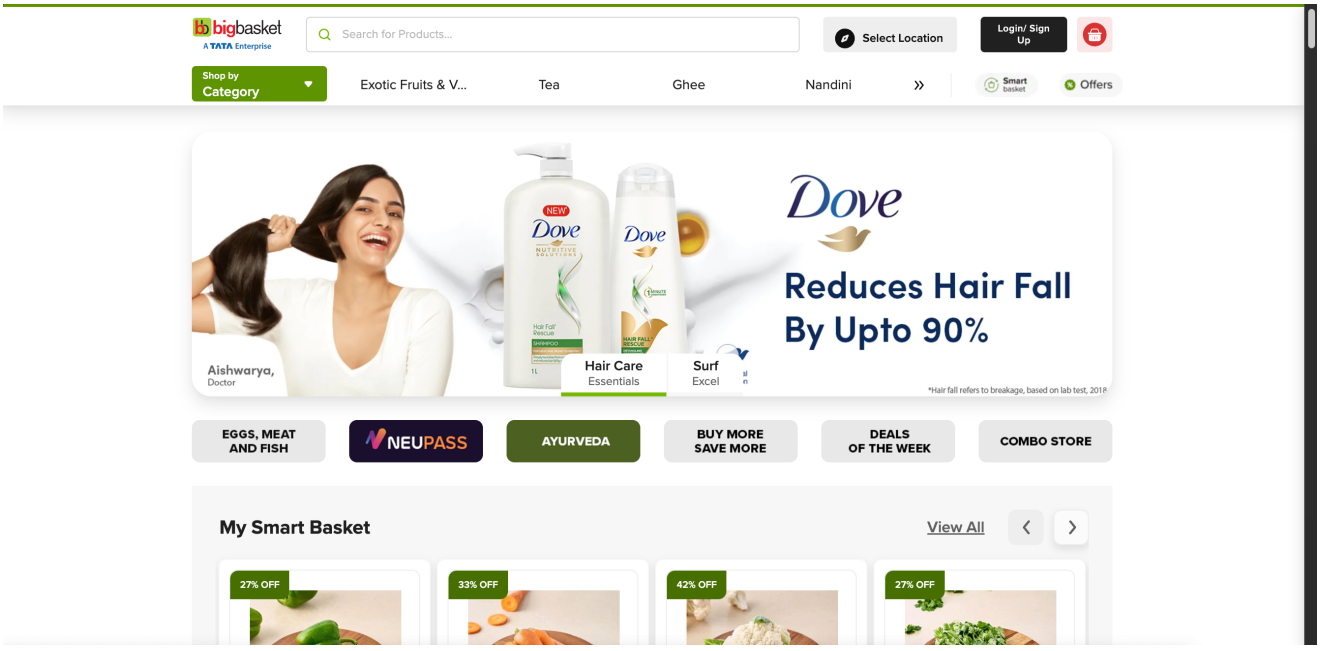

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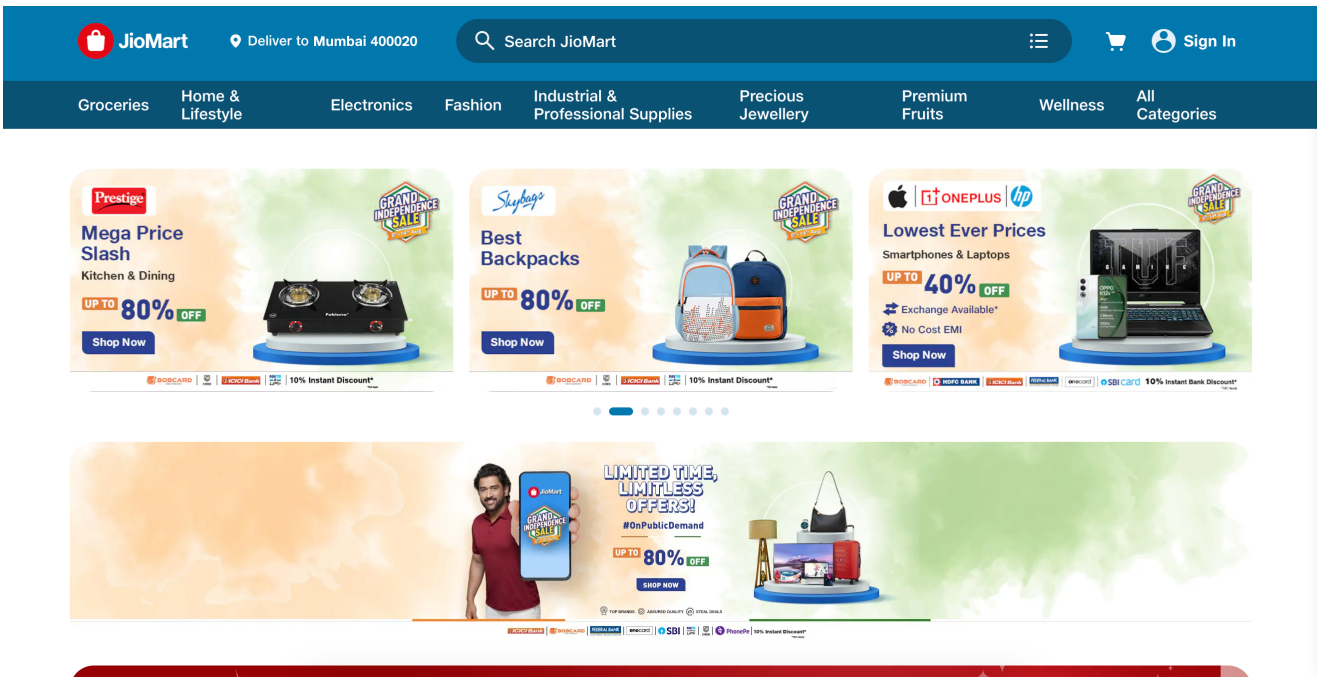

Domain 2: Social Media Chat applications

Instagram vs Tinder vs Bumble vs LinkedIn vs WhatsApp

1. Learnability

- **Instagram**: 4.5/5
  The interface is simple and intuitive, especially for users familiar with social media. However, new users may take some time to adjust to specific features like Stories and Reels.
- **Tinder**: 4/5
  The swipe feature is unique but easy to learn. However, additional features like Super Likes or Boosts may take some learning.
- **Bumble**: 4/5
  Similar to Tinder with an easy-to-learn swipe interface, but with additional features like Bumble BFF and Bumble Bizz that may require some learning.
- **LinkedIn**: 4.5/5
  The professional networking layout is clear, but new users may need time to understand the full range of features, like endorsements and the job search.
- **WhatsApp**: 5/5
  Extremely easy to learn, especially for users familiar with messaging apps. The interface is straightforward, with clear navigation.

2. Efficiency

- **Instagram**: 4.5/5
  Highly efficient for posting, browsing, and interacting with content. However, managing multiple accounts or navigating through less-used features can take more time.
- **Tinder**: 4/5
  Efficient for quick interactions (swipes), but the efficiency drops when navigating through profile settings or extra features.
- **Bumble**: 4/5
  Similar to Tinder, with efficient interactions but more features that might slow down the overall experience.
- **LinkedIn**: 4.5/5
  Efficient for networking, job searching, and content creation. The platform is designed to cater to professionals with quick access to essential features.
- **WhatsApp**: 5/5
  Extremely efficient for messaging, file sharing, and voice/video calls. The web app mirrors the mobile app, ensuring a smooth experience.

3. Memorability

- **Instagram**: 4.5/5
  The consistent design and frequent usage make it easy for users to remember how to navigate and use various features.
- **Tinder**: 4/5
  The unique swipe feature is highly memorable, but other features might not be as easily recalled after periods of non-use.
- **Bumble**: 4/5
  Similar to Tinder, with the swipe feature being memorable, but additional features might require re-familiarization.
- **LinkedIn**: 4.5/5
  The platform's professional focus and consistent layout make it easy to remember, though occasional users may forget how to access less commonly used features.
- **WhatsApp**: 5/5
  Highly memorable due to its simple and consistent design across platforms, ensuring users can easily return to it after a break.

4. Errors

- **Instagram**: 4/5
  The app generally prevents errors, but it can be challenging to recover from issues like account hacks or content removal. Error messages are clear but sometimes lack detailed instructions.

- **Tinder**: 3.5/5
  Error prevention is decent, but recovering from issues (like accidental swipes or subscription problems) can be cumbersome.
- **Bumble**: 4/5
  Better error management than Tinder, with clear instructions on resolving issues, but some recovery processes could be smoother.
- **LinkedIn**: 4.5/5
  Strong error prevention and clear recovery processes, especially in cases of account or connection issues.
- **WhatsApp**: 4.5/5
  Excellent error prevention, with clear and user-friendly recovery options, though issues like phone number changes can be slightly tricky.

5. Satisfaction

- **Instagram**: 4.5/5
  High user satisfaction due to its engaging design and wide range of features. However, some users might find ads and the algorithm less satisfying.
- **Tinder**: 4/5
  Satisfaction is high for users seeking casual interactions, but frustrations can arise from the paid features and limited interactions for free users.
- **Bumble**: 4.5/5
  Slightly higher satisfaction than Tinder due to the focus on meaningful connections and additional modes like BFF and Bizz.
- **LinkedIn**: 4.5/5
  High satisfaction for professional networking, job searching, and industry news. Some users might find the constant notifications overwhelming.
- **WhatsApp**: 5/5
  Extremely high satisfaction due to its simplicity, reliability, and wide range of communication features.

6. Accessibility

- **Instagram**: 4/5
  Instagram includes basic accessibility features like alt text for images, but there's room for improvement in areas like text size customization and contrast settings.
- **Tinder**: 3.5/5
  Basic accessibility features are present, but more advanced options, like screen reader compatibility or customizable interfaces, are limited.
- **Bumble**: 4/5
  Similar to Tinder, with slightly better accessibility features like more detailed profile

customization options.

- **LinkedIn**: 4.5/5
  Strong accessibility features, including screen reader support, keyboard navigation, and customizable text size. Still, improvements could be made in color contrast options.
- **WhatsApp**: 4.5/5
  Good accessibility with features like screen reader support and text size adjustment, but more customization options could further enhance accessibility.

Overall Comparison

- **WhatsApp**: 4.8/5
  WhatsApp excels in learnability, efficiency, and satisfaction, with strong memorability and accessibility features, making it the most well-rounded of the apps.
- **LinkedIn**: 4.6/5
  LinkedIn offers a professional and efficient experience with strong learnability and satisfaction. Its accessibility features also make it stand out.
- **Instagram**: 4.4/5
  Instagram is a highly usable app with strengths in learnability, memorability, and user satisfaction. However, it could improve in error management and accessibility.
- **Bumble**: 4.2/5
  Bumble performs well in learnability and satisfaction, especially with its unique focus on different types of connections. However, it lags slightly in efficiency and accessibility.
- **Tinder**: 4/5
  Tinder is easy to use and memorable due to its unique swipe feature, but it could improve in error management, satisfaction, and accessibility to match its competitors.

Comparison Table

Measure	Instagram	Tinder	Bumble	LinkedIn	WhatsApp
Learnability	4.5/5	4/5	4/5	4.5/5	5/5
Efficiency	4.5/5	4/5	4/5	4.5/5	5/5
Memorability	4.5/5	4/5	4/5	4.5/5	5/5
Errors	4/5	3.5/5	4/5	4.5/5	4.5/5
Satisfaction	4.5/5	4/5	4.5/5	4.5/5	5/5
Accessibility	4/5	3.5/5	4/5	4.5/5	4.5/5
Overall	**4.4/5**	**4/5**	**4.2/5**	**4.6/5**	**4.8/5**

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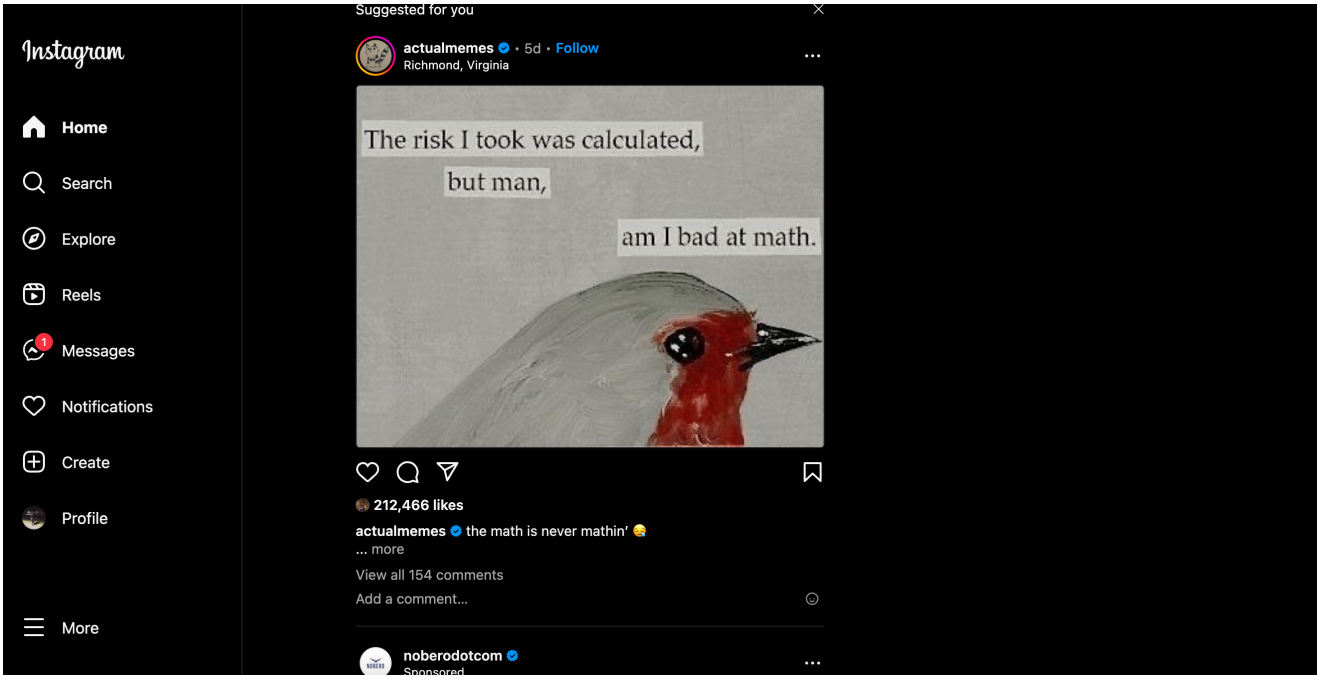

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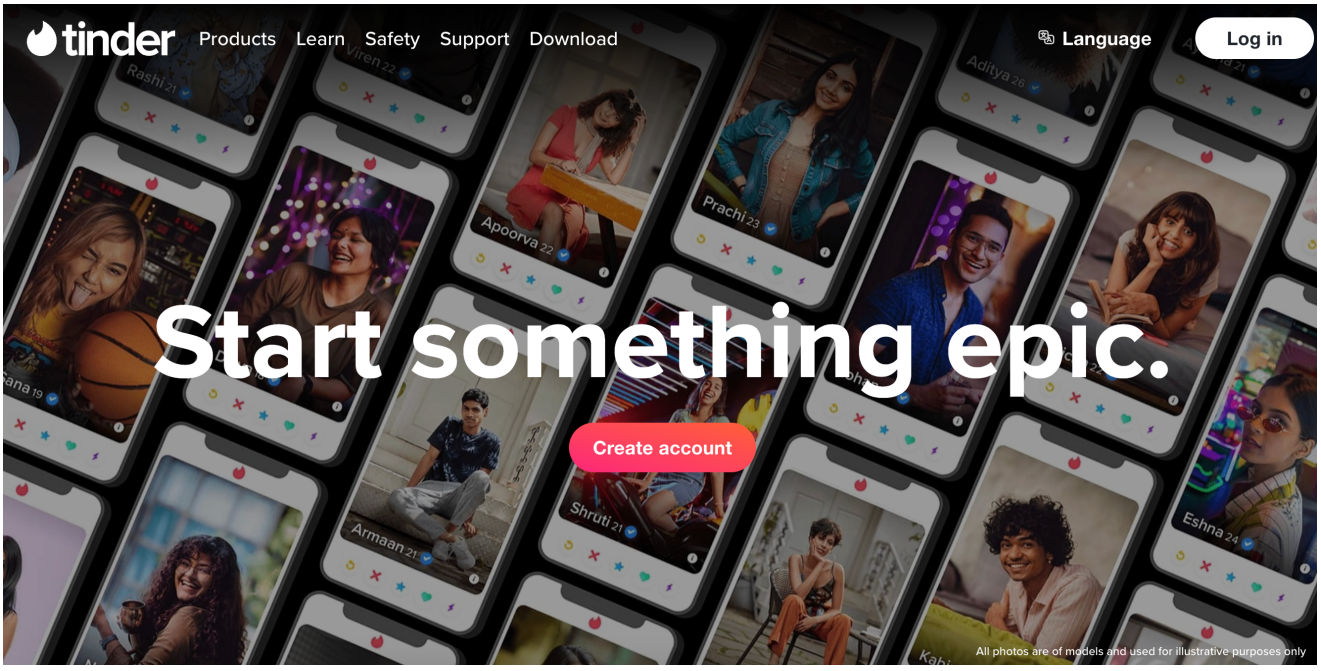

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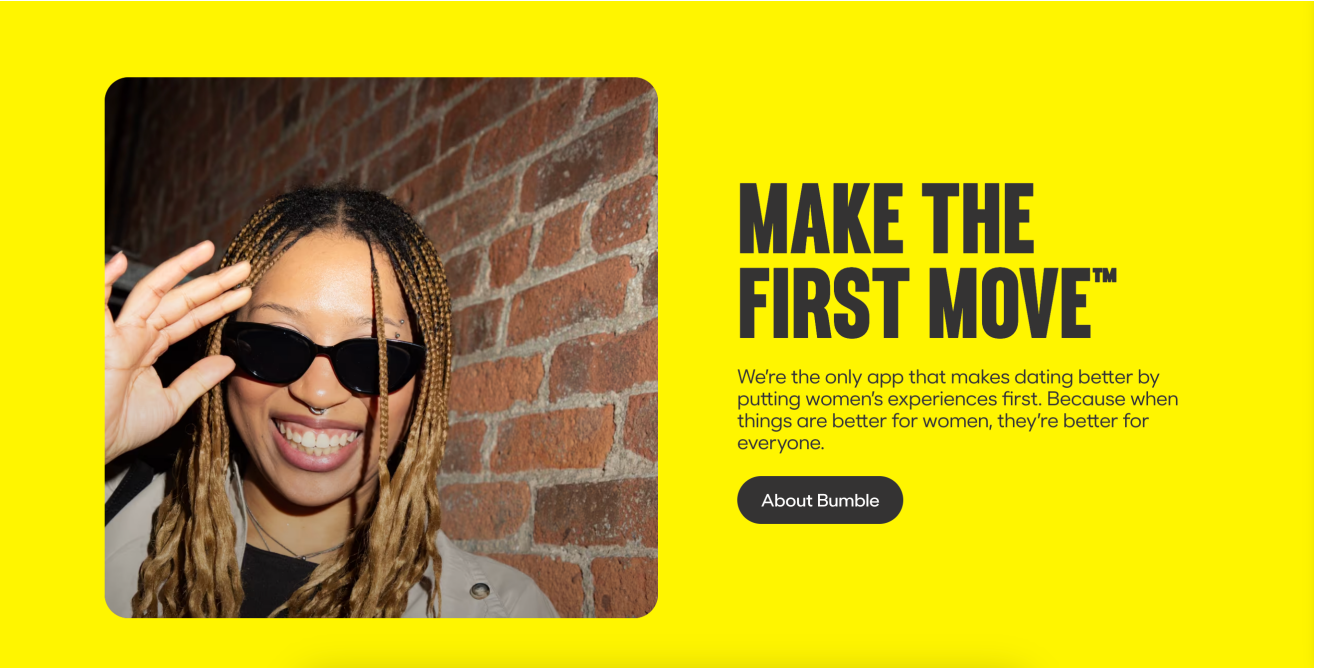

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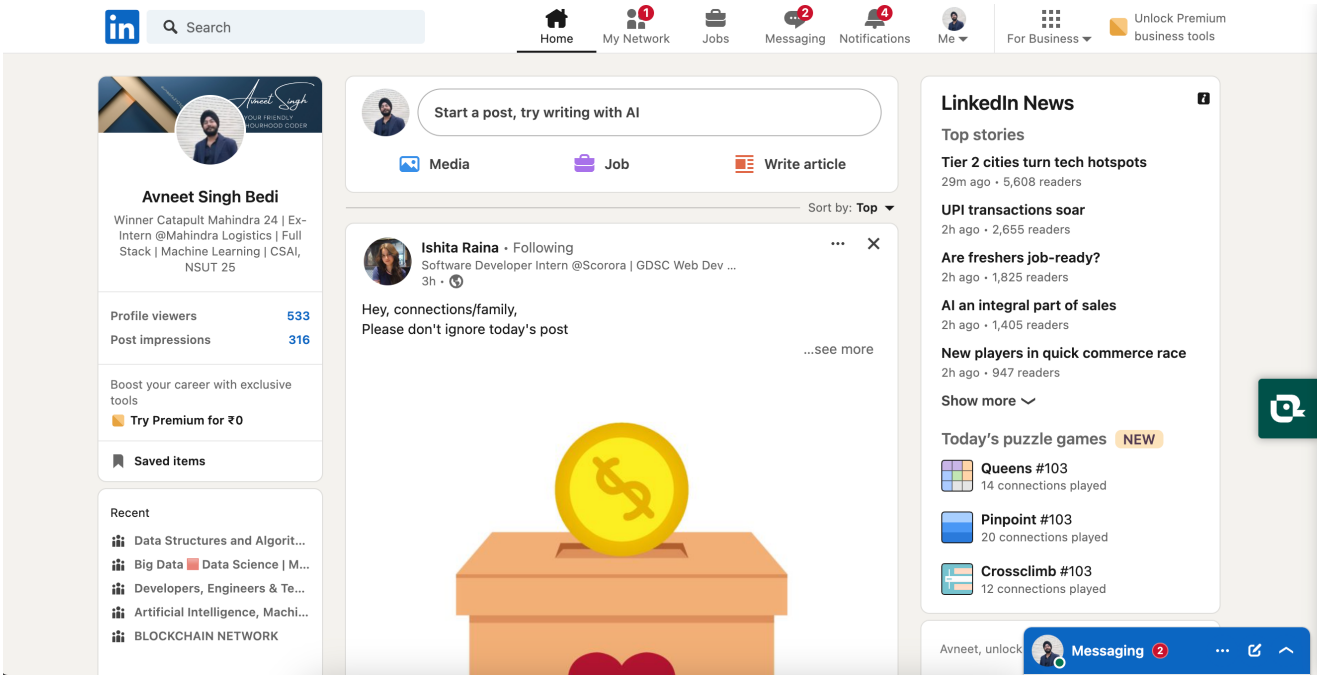

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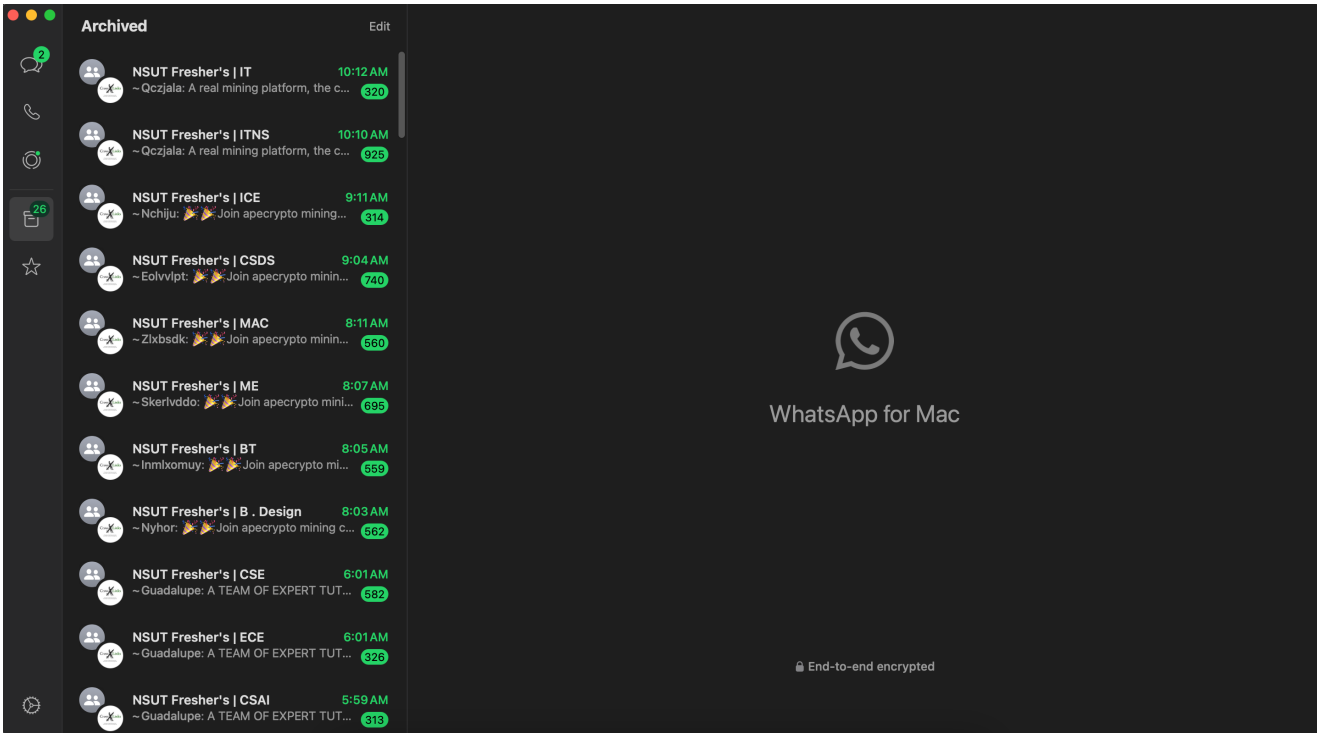
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