**Project Iteration 1**

**Activity 4**

**User-Centric Computing II**

**COMP4600**

**Spring 2025**

**IA, ID document**

**Project Name: Lumina**

**Team Name: DesignSphere**

**Trello board URL:** https://trello.com/b/CjqsFb8M/lumina

**Github repo URL:** https://github.com/ma2088/DesignSphere

**Member information**

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| **#** | **Name** |
| 1 | Marius Adrian |
| 2 | Jupiter Lebrun |
| 3 | Isaiah Williams |
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**All the works of all the team members**

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| **Content inventory** |
| **Marius Adrian** |
| 1. ***Health & Wellness for Seniors***   ***Senior Fitness & Active Living***   * *Easy- to- follow exercise routines for seniors.* * *Walking groups, yoga classes, and community fitness programs etc.* * *Local senior- friendly fitness events* * *Workouts for joint health and mobility*   ***Healthy Living & Nutrition***   * *Easy to read health tips for seniors* * *Nutritional supplements and vitamins for senior health* * *Meal planning and dietary advice* * *Hydration and energy boosting foods for an active lifestyle*   ***Mental Health & Social Engagement***   * *Support groups and community groups* * *Meditation and mindfulness exercises* * *Community meetups and Support groups* * *Stress management techniques*  1. ***Retirement Planning & Budgeting Tools***   ***Easy-to-Use Budgeting Tools***   * *Retirement savings calculator* * *Monthly expense tracker* * *How to manage fixed income effectively*   ***Financial Planning for Retirement***   * *Understanding Social Security benefits* * *Strategies for retirement savings* * *Reducing expenses*   ***Smart Spending and & Discount for Seniors***   * *Senior- friendly discounts and deals for seniors* * *Affordable travel, leisure, and wellness options* * *Cost- saving tips on healthcare, groceries, and utilities.*  1. ***Senior Travel & Leisure***  * *Travel Deals* * *Discounts*  1. ***Emergency Resources***  * *Financial Aid* * *Senior Safety* |
| **Isaiah Williams** |
| ***1. Retirement Planning***   * ***Financial Planning***   + *Budgeting for retirement*   + *Retirement savings accounts (401(k), IRA, pensions)*   + *Investment strategies for retirees*   + *Tax planning & exemptions for seniors* * ***Healthcare & Insurance***   + *Medicare & Medicaid guide*   + *Long-term care insurance*   + *Health & wellness tips for seniors*   + *Managing medical expenses* * ***Lifestyle & Well-being***   + *Staying active & fit*   + *Mental health & social engagement*   + *Technology for seniors (smartphones, online safety)* * ***Legal & Estate Planning***   + *Wills & trust*   + *Power of attorney & healthcare directives*   + *Estate planning & inheritance*   ***2. Senior Travel & Vacationing***   * ***Destinations & Travel Planning***   + *Senior-friendly travel destinations*   + *Best cruises for retirees*   + *Road trips & RV travel for seniors* * ***Travel Discounts & Resources***   + *Senior travel discounts & memberships*   + *Travel insurance for seniors*   + *Accessible travel tips* * ***Group & Solo Travel***   + *Travel tours for seniors*   + *Safe solo travel for older adults*   + *Traveling with grandchildren* |
| **Jupiter Lebrun** |
| 1. **Digital & Technology Resources for Seniors**    * **Tech Basics & Online Safety**      + Easy to follow guides using devices such as smart phones, tablets, computers, and laptops      + Staying safe online: avoiding scams and protecting Personal Identifiable Information (PII) and Sensitive Personal Identifiable Information 2. **Emergency Resources & Assistance**    * **Crisis & Financial Aid**      + Debt relief resources      + Emergency fund assistance programs        - Medical, mortgage and rental payments    * **Seniors Safety and Legal Resources**      + Legal aid and rights for seniors - guidance on wills, estate planning**,** and legal rights      + Elder abuse prevention and reporting      + Housing assistance and senior living options 3. **Senior Travel & Leisure**    * **Affordable & Accessible Travel**      + Best vacation destinations      + Discounted travel deals – flights, hotels, cruises and guided tours      + RV travel and road trip ideas    * **Solo Group Travel**      + Tips for safe and stress-free solo travel      + Senior friendly group and travel clubs      + Best US and international destination for seniors      + Cultural and learning experiences 4. **Mental Health, Physical Fitness and Wellness Hub for seniors**    * **Physical Fitness**      + Daily movement challenges      + Sleep and recovery tips    * **Mental Health**      + Podcasts and blogs expert advice on focusing on mental health 5. **Financial resources**    * **Fraud and scam prevention guide**       + How to spot financial fraud      + Safe online shopping and banking      + Reporting common senior scams and how to avoid them    * **Understanding senior benefits**      + Long term care and assisted living support veteran benefits and aid were retired to service members      + Social Security, maximizing your benefits      + Medicare versus Medicaid - what is the difference?    * **Fixed income lifestyle hacks**      + Smart grocery shopping on a budget      + Affordable health care solutions      + Cutting utility and housing costs      + Free and low-income entertainment options      + Side income for seniors    * **Easy to use budget planner**       + Simple monthly expense tracker      + Debt payoff strategies      + Automating bills and budgeting apps      + Adjusting your budget for inflation and rising costs    * **Retirement readiness quiz/tracker**      + Essential retirement checklist      + Are you on track?      + How much will you need?      + Custom action plan based on your score |
| **Final list of content inventory** |
| 1. Health & Wellness 2. Retirement Planning 3. Healthcare & Insurance 4. Senior Travel & Leisure 5. Emergency Resources & Assistance 6. Digital & Technology Resources |
| **The final sitemap created by the whole team based on the final content inventory** |
| *A diagram of a health care company  AI-generated content may be incorrect.* |
| **Tree test tasks decided by the team** |
| * + 1. Locate travel deals or packages for seniors     2. Find tutorials or guides on safe Internet practices and avoiding scams     3. Find resources detailing low impact workouts suitable for seniors     4. Find out how seniors can plan for long term care and assisted living support     5. Identify the section that provides budget planning tools and strategies for managing monthly expenses |
| **Tree Test results** |
| **Marius Adrian** |
| *Task 1)* 35 seconds  *Task 2) 15 seconds*  *Task 3) 35 seconds*  *Task 4) 25 seconds*  *Task 5) 30 seconds* |
| **Isaiah Williams** |
| *Task 1)* 40 seconds  *Task 2) 25 seconds*  *Task 3) 45 seconds*  *Task 4) 35 seconds*  *Task 5) 20 seconds* |
| **Jupiter Lebrun** |
| *Task 1) 30 seconds*  *Task 2) 10 seconds*  *Task 3) 30 seconds*  *Task 4) 20 seconds*  *Task 5) 25 seconds* |
| **Tree test interview questions and answers** |
| **Marius Adrian** |
| *List the answers you received from the user after Tree test below -*   1. Did you find the pages where you thought they should? If not, which pages were not where you expected them to be in the menu hierarchy?   **ANS:** **Most pages were easy to find, but I initially looked for "Safe Internet Practices & Avoiding Scams" under "Financial Resources" instead of "Digital & Technology Resources." It might make sense to include a cross-reference.**   1. Did it take more time than you thought it would take? If so, why do you think it took longer?   **ANS:** **Yes, Task 4 (Long-Term Care & Assisted Living Support) took longer than expected because I first looked under "Emergency Resources & Assistance" rather than "Healthcare & Insurance."**   1. Were menu items labeled properly to indicate relevant resources? If not, what was mislabeled and how would you correct it?   **ANS:** **Most labels were clear, but "Tech Basics & Online Safety" could be more descriptive—maybe "Internet Safety & Scam Prevention" would make it clearer for seniors.**   1. Do you have any suggestions to make the site navigation easier?   **ANS: A beginner-friendly guide** or **"Start Here"** **section could help seniors** **understand where to find key resources.** |
| **Isaiah Williams** |
| *List the answers you received from the user after Tree test below -*   1. Did you find the pages where you thought they should? If not, which pages were not where you expected them to be in the menu hierarchy? **ANS: Yes** 2. Did it take more time than you thought it would take? If so, why do you think it took longer? **ANS: No** 3. Were menu items labeled properly to indicate relevant resources? If not, what was mislabeled and how would you correct it? **ANS: Yes**    1. Do you have any suggestions to make the site navigation easier? **ANS:** 4. Do you have any suggestions to make the site navigation easier? **ANS: Making the display easy to read** |
| **Jupiter Lebrun** |
| *List the answers you received from the user after Tree test below -*   1. Did you find the pages where you thought they should? If not, which pages were not where you expected them to be in the menu hierarchy? **ANS: The affordable and accessible travel and the subsection for travel discount and resources felt repetitive and kind of confusing I was not expecting to have two subsections for this option.** 2. Did it take more time than you thought it would take? If so, why do you think it took longer? **ANS: No, this was an easy process.** 3. Were menu items labeled properly to indicate relevant resources? If not, what was mislabeled and how would you correct it? **ANS: No, re-label the affordable and accessible travel and travel discount and resources into one section.** 4. Do you have any suggestions to make the site navigation easier? **ANS: A search bar would help speed up the process to find items. And a frequently asked questions tab to find common questions.** |

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| **Team’s assessment of the sitemap** |
| * **Strength**: The site covers a wide range of topics important for seniors. Main titles are clear and concise. The structure is very well organized for the site map. * **Weaknesses**: There is no cross links for related topics. * **Modification**: Merge the affordable and accessible travel, and the subsection for travel discounts into one category. Merge the affordable and accessible travel, and the subsection for travel discounts into one category. |
| **Labels/titles** |
| * **Health & Wellness:** Senior Fitness & Active Living**,**Healthy Living & Nutrition**,**Mental Health & Social Engagement * **Retirement Planning:**Budgeting Tools**,**Financial Planning**,**Senior Discounts & Cost-Saving Tips**,**Investment & Tax Planning * **Healthcare & Insurance:**Medicare & Medicaid Guide**,**Long-Term Care & Assisted Living**,**Managing Medical Expenses * **Senior Travel & Leisure:**Travel Deals & Discounts, Group & Solo Travel * **Emergency Resources & Assistance:**Crisis & Financial Aid**,**Senior Safety & Legal Resources * **Digital & Technology Resources:**Internet Safety & Scam Prevention * **Financial Resources:**Fraud & Scam Prevention Guide**,**Understanding Senior Benefits**,** Fixed Income Lifestyle Hacks * **Additional Navigation Improvements (New Additions):**Search Bar, FAQ & Quick Links Section |