**The Tech Nest at AARP**

**Syllabus for “Boost Your Brain with Alexa – Phase II”**

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**Overview:**

*Provide a description of the prototype to be built including as much detail as possible. Identify the overall goal.*

For Phase II of this project, we will evolve the existing Alexa skill prototype so that it’s ready to be published in Amazon’s skill store and promoted on AARP’s Staying Sharp platform. Prior to scaling, we will de-bug the existing code base (Phase I Prototype) in collaboration with the AARP DSM Development Team, which has experience building Alexa voice skills.

**Objectives:**

*List the specific objectives of this prototype. What are we solving for? What are we proving?*

-Introduce Phase I Prototype (existing code) to the new team (AARP TechNest students)

-Review results / learnings from consumer testing on Phase I Prototype via AlphaUX in December

-Address known bugs in Phase I Prototype

-Improve the user experience based on user feedback and AARP business team input

-Repeat consumer testing to address pain points

-Introduce refined skill (Phase II Prototype) to the DSM Development Team for review and QA

-Publish updated skill via the Amazon’s skill store

-Publish updated skill via AARP’s Staying Sharp platform

**Tools, Resources, Inputs:**

*Identify and provide access to any tools that students will need to explore, access, update. This may include a database, a tool, or external software.*

Staying Sharp -<https://stayingsharp.aarp.org/>

Students will need to become AARP members for access to this AARP member benefit (see Julie for gift card, if needed).

**Deliverables:**

*What are the expected deliverables? Give as much detail as possible about the prototype to be delivered, any documentation, research, etc. that is expected from the students.*

**Timeline:**

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|  | **Week of Date** | **Suggested Activities** |
| Week 1 | Week of January 14th | Explore the existing prototype, code base, developer notes |
| Week 2 | Week of January 21st | Review learnings from consumer research conducted in Dec 2018 |
| Week 3 | Week of January 28th | Address known bugs and QA updated code |
| Week 4 | Week of February 4th | Improve UX based on user feedback and AARP business team input |
| Week 5 | Week of February 11th | Introduce existing prototype/code to DSM Development Team |
| Week 6 | Week of February 18th | Collaborate with DSM Team to ensure code is approved |
| Week 7 | Week of February 25th | Publish phase II prototype to Amazon’s beta skill program |
| Week 8 | Week of March 4th | Continue to test and de-bug phase II prototype |
| Week 9 | Week of March 11th | Repeat consumer testing with AlphaUX |
| Week 10 | Week of March 18th | *Note: UICU Spring Break – Most students will be gone this week.*  *Miranda will also be gone this week (to Brazil)! ☺* |
| Week 11 | Week of March 25th | Enhance phase II prototype based on AlphaUX learnings |
| Week 12 | Week of April 1st | Prepare updated skill for publication via Amazon skill store & on Staying Sharp platform |
|  | Week of April 8th | Submit skill to Amazon skill store & AARP Staying Sharp platform |
| Week 13 | Week of April 15th | Fix any bugs and document findings, lessons learned, methodology  *Note: End of Semester Evaluations will be sent this week* |
| Week 14 | Week of April 22nd | Prep for showcase, including dry run with Project sponsor & lead |
| Week 15 | Week of April 29th | *Note: Spring internship ends May 3rd*  *Note: End of Semester Showcases will be this week* |