



PROTOTYPE TO PRODUCT

Bringing an Idea into Reality



MEET THE PANELISTS

'prototype to product' experts



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UX Lead
11 YEARS IN CONSULTING

*Moderated by Shawn Spartz, Creative Partner at nvisia





WHAT WE PLAN TO COVER

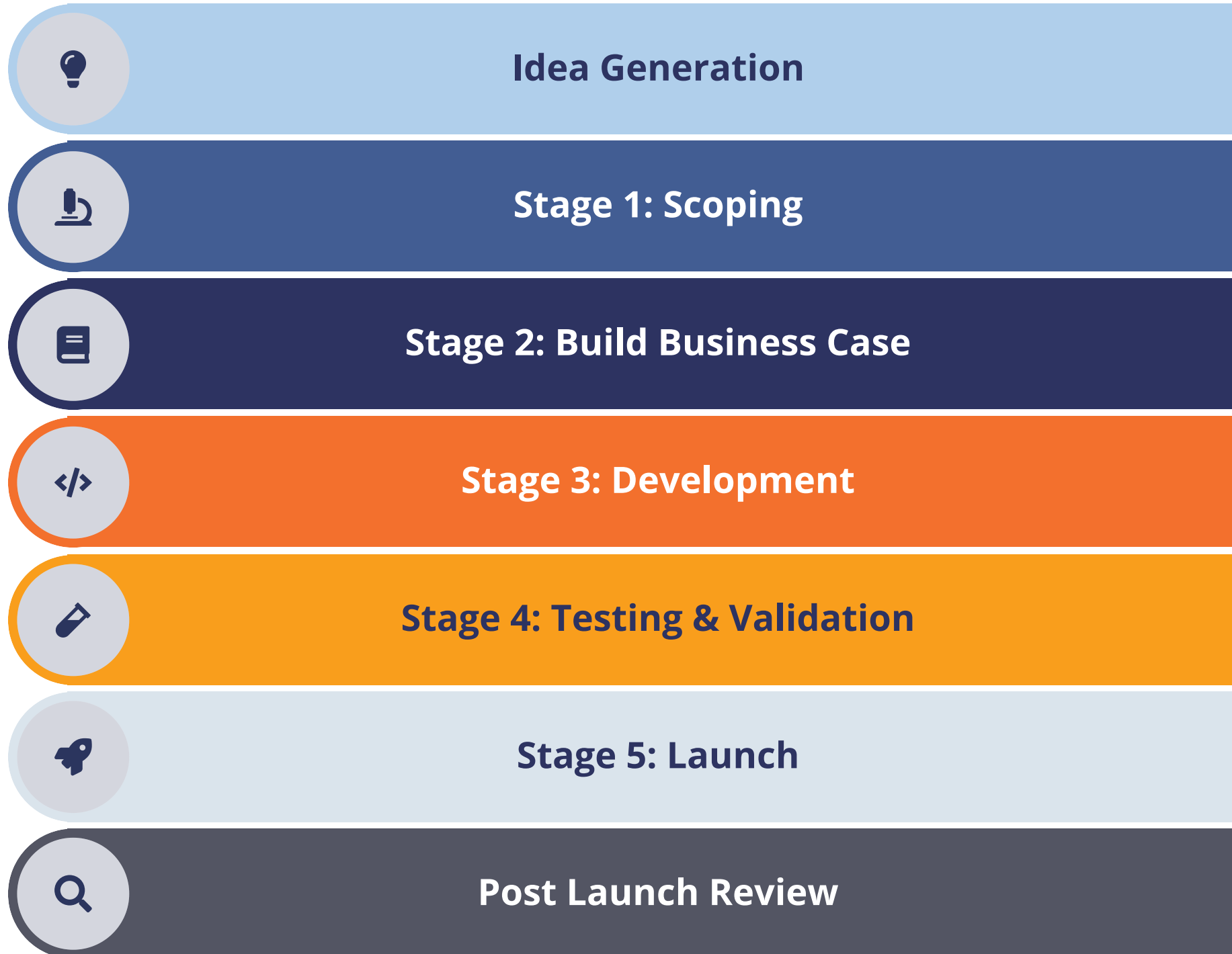
Today's Discussion Focus

1. **The process of identifying the need for change and modernizing legacy systems**, including recognizing the limitations and pain points of existing solutions,
2. **Importance of user research and understanding user needs** to drive product development decisions and prioritize features.
3. **Effective strategies for consolidating and prioritizing a large wish list of features** into a feasible and impactful product roadmap.
4. **Critical steps in gaining business approval**, including evaluating ROI, considering budget and resource constraints, and creating a comprehensive roadmap for ongoing improvements and maintenance.



STAGE-GATE PROCESS

for product development





WHERE TO START

IDEA GENERATION

discover new concepts w/prototypes

nvisionaries
SCIENCE FAIR

⚡ by nvisia

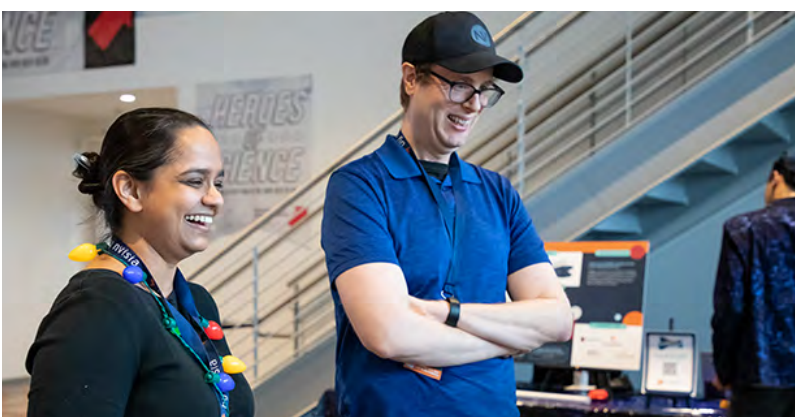
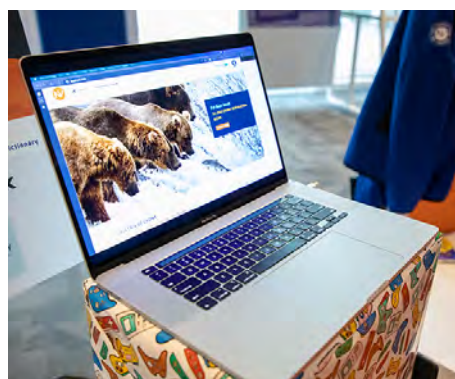
tech showcase

⚡ by nvisia

COMING AGAIN SOON

December 2023





Legacy Modernization Follows a Decade of Use

QUALIFIERS FOR PROMOTION TIERS

Consultant Professional Qualities		Client Focus	Problem Solving	Teamwork and Collaboration	Delivery Leadership Skills	Technical Skills
Developer Path						
Software Developer	Level 1	Level 1	Level 1	Level 1	Level 1	Level 1
Software Engineer			Level 2			Level 2
Technical Lead		Level 2	Level 2	Level 2		Level 3
Technical Path						
Technical Architect	Level 2	Level 2	Level 3	Level 2	Level 1	Level 4
Sr. Technical Architect	Level 3	Level 3		Level 3	Level 2	
Principal Architect	Level 4		Level 4	Level 4		Level 5
Technical Director		Level 4				
Delivery Leadership						
Project Lead	Level 2	Level 2	Level 3	Level 2	Level 2	Level 3
Project Architect	Level 3	Level 3		Level 3	Level 3	
Principal Consultant	Level 4		Level 4	Level 4	Level 4	
Director		Level 4	Level 5			
Product Management Path						
NA	Level 1	Level 1	Level 1	Level 1	Level 1	Level 1
Product Analyst (PA)			Level 2			Level 2
Product Analyst Lead (PAL)	Level 2	Level 2	Level 2	Level 2		Level 2
Product Management Lead (PML)			Level 3	Level 3	Level 3	
Product Management Architect (PMA)	Level 3	Level 3	Level 3	Level 3	Level 2	Level 3
Principal - Product Management	Level 4		Level 4	Level 4		
Director - Product Management		Level 4				

Start with the Problem Statement

RELEASE V1.0

To present the nvisia skills matrix to our consultants in a more consumable manner to assist them in managing their career path.

Allow consultants to conduct a role comparison so they understand the skills and experience they need to assume greater responsibility.



RELEASE V1.1

Create an area within the skills matrix that will allow for a place to keep skills, client experience, preferences, and accomplishments so that consultants can efficiently manage **their review**. Allow Marketing, Sales and Delivery to understand the skills we have for projects and ID any skill gaps we need to close.





STAGE ONE

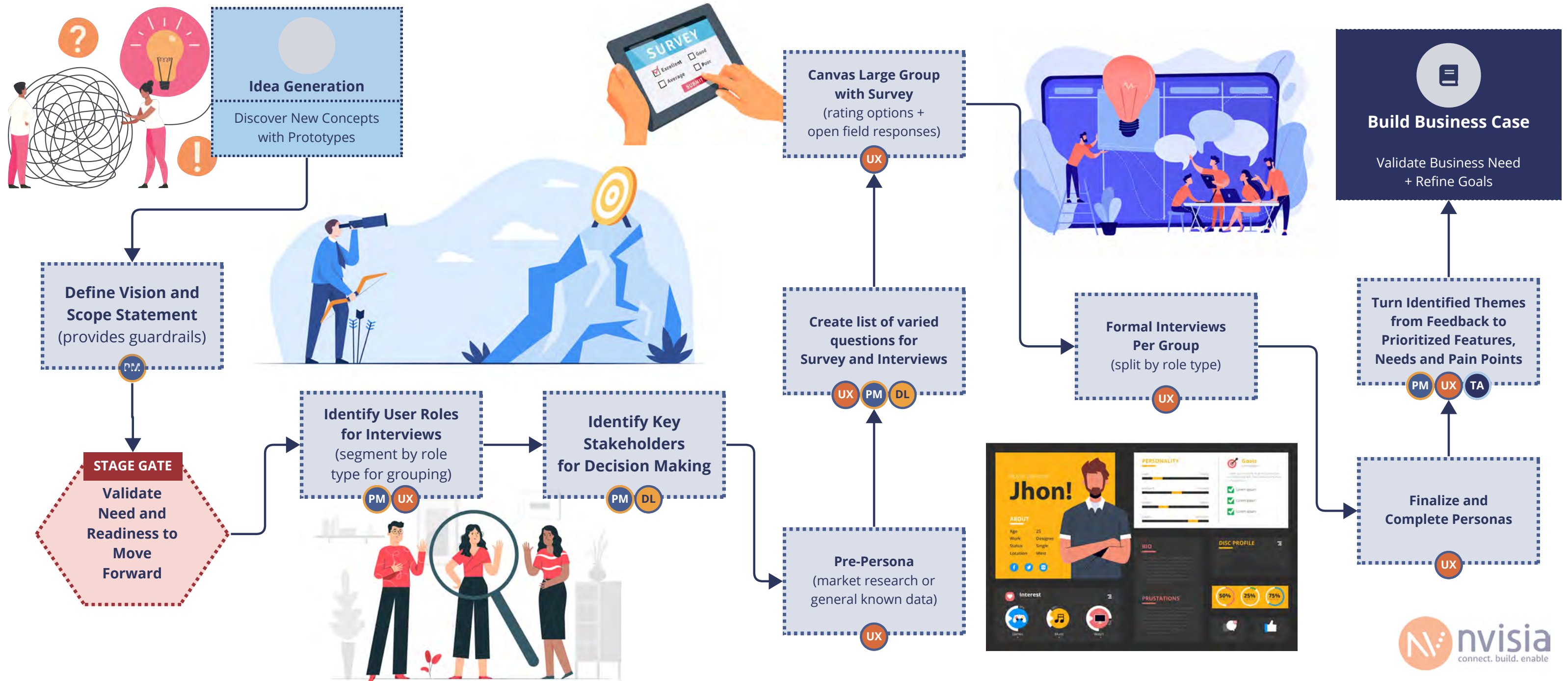
SCOPING THE PROJECT

validate user need + build vision



STAGE 1: SCOPING THE PROJECT

validate user need + build vision



SCOPING THE PROJECT

Gathering Details That Matter

SURVEY QUESTIONS

Question: On a scale of 1-5, how helpful would each of the following potential features be to you?

- This would be very helpful to me = 1
- This is a basic requirement for me =2
- This would not affect me =3
- This would be a minor inconvenience =4
- This would be a major problem for me =5

Simplified layout (transition from an excel document to an internal application)

Make it easier to see the difference in required skills between your current role and your next role in your track

Making it easier to see the difference in required skills between your current role and a role in another track (example: for those who want to consider moving to a different track)

Ability to view or hide specific tracks or roles

Ability to access an FAQ section

Ability to submit questions or report problems

Make it clear when the last update was

CONSULTANT INTERVIEW QUESTIONS

Notes

Introductory Information

Thank you for meeting with us today!

We're trying to improve the way skills tracking and career management work here at nvisia, and your input into understanding consultants' current practices and future needs will help us define what we want to improve and the priority of those improvements.

We'll be taking you through some questions regarding how you manage your development and career path, with some time at the end to discuss what we can add to the interview itself.

We're trying to improve how this works, so please feel free to be open in your feedback - we won't be offended. Keep in mind that there are no right or wrong answers - all feedback is appreciated; if something isn't applicable or if you've never done something we ask about, just tell us so - that is also valuable to know.

Additionally, your responses will be kept confidential, with only me, Ken, and maybe Rob and Frank being able to see who said what; any feedback that we share will be aggregated across interviews, and any quotes we use will not have names associated with them.

That being said, we'd like to record today's session so that we can go back to take notes or clarify things later. Again, this will only be visible to the people I just mentioned. Is that okay with you? -if so, start recording-

Great!

We'll start with some basic questions about you

Biographical Info

How many years at nvisia? What region?

Did you work at another company prior to nvisia? What was your previous company?

What is your current title?

When was the last time you were promoted

Okay, now we'll move on to discussing how you manage your skills and career growth.

Your Skills Management

Would you say that you have a good understanding of the skills required for your job? What about for your next desired role?

On a scale of 1-5 (with 1 meaning not at all and 5 meaning very well), how well do you understand the skills required for your job? What about for your next desired role?

On a scale of 1-5 (the same scale as before), how well do you understand what skills you need to demonstrate to get to your next role? What about for your next desired role?

On a scale of 1-5, how well do you think leadership is, delivery how your skills & preferences? Please explain. What about your professional goals?

Parking Lot for Potential Future Efforts

Current Skills Matrix

Now that we've talked about skills management in general, we'd like to ask you about nvisia's skills matrix.

On a scale of 1-5, how familiar would you say you are with the skills matrix? When and how have you used it in the past?

In your own words, what is the skills matrix?

Do you have a coach/mentor? If so, how does your coach/mentor use the skills matrix in your career discussions, if at all? Would you like for it to be used during these discussions?

Do you understand how the skills matrix plays into your career at nvisia and how to utilize it to grow? Please tell us about it in your own words

What do you like about the skills matrix?

What do you dislike about the skills matrix?

What was the most difficult thing about starting to use the skills matrix, when you first joined the company?

If you could change anything about the skills matrix, what would it be and why?


On a scale of 1-5 how easy is it to find the skills differences between the role you have and the one you want to grow into? Why?

Additional / Ending Questions

In an ideal world, how would you go about finding out what skills are required for each level and tracking what skills you've demonstrated in the past?

If not first job: How does your skills management at nvisia compare with your previous experiences?

Alright, that's all the questions we have for you - is there anything else you'd like to mention about what we've talked about today? Or do you have any questions for us?

 **nvisia**
connect. build. enable.

Rolling Up Feedback & User Themes

PERSONAS



The Analyzer:

1. All levels / tenures
2. Uses the matrix heavily to guide performance reviews, kind of like a checklist, and make sure to address each point
3. Likes having details, examples, etc



The Storyteller:

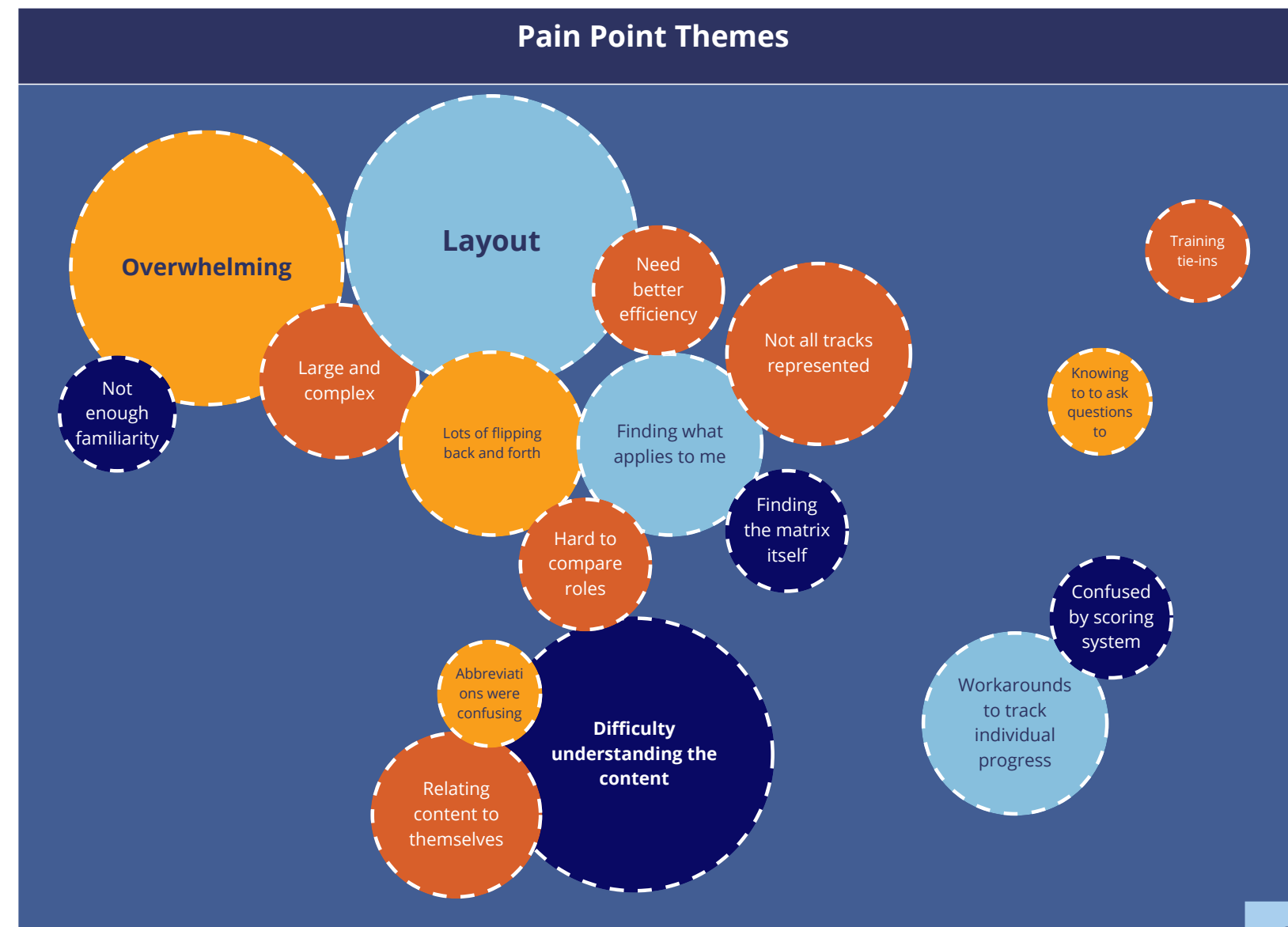
1. All levels / tenures, though may tend to higher levels
2. Uses skills matrix as guardrails, or as a starting point to tell the story of their experience
3. Not as concerned with content details



The Newbie:

1. Newer to the company (though doesn't have to be)
2. Focused on performing their role and doesn't look to the skills matrix at all right now
3. May not have been coached on how to use the skills matrix (or on career planning in general)

INTERVIEW THEMES





STAGE TWO

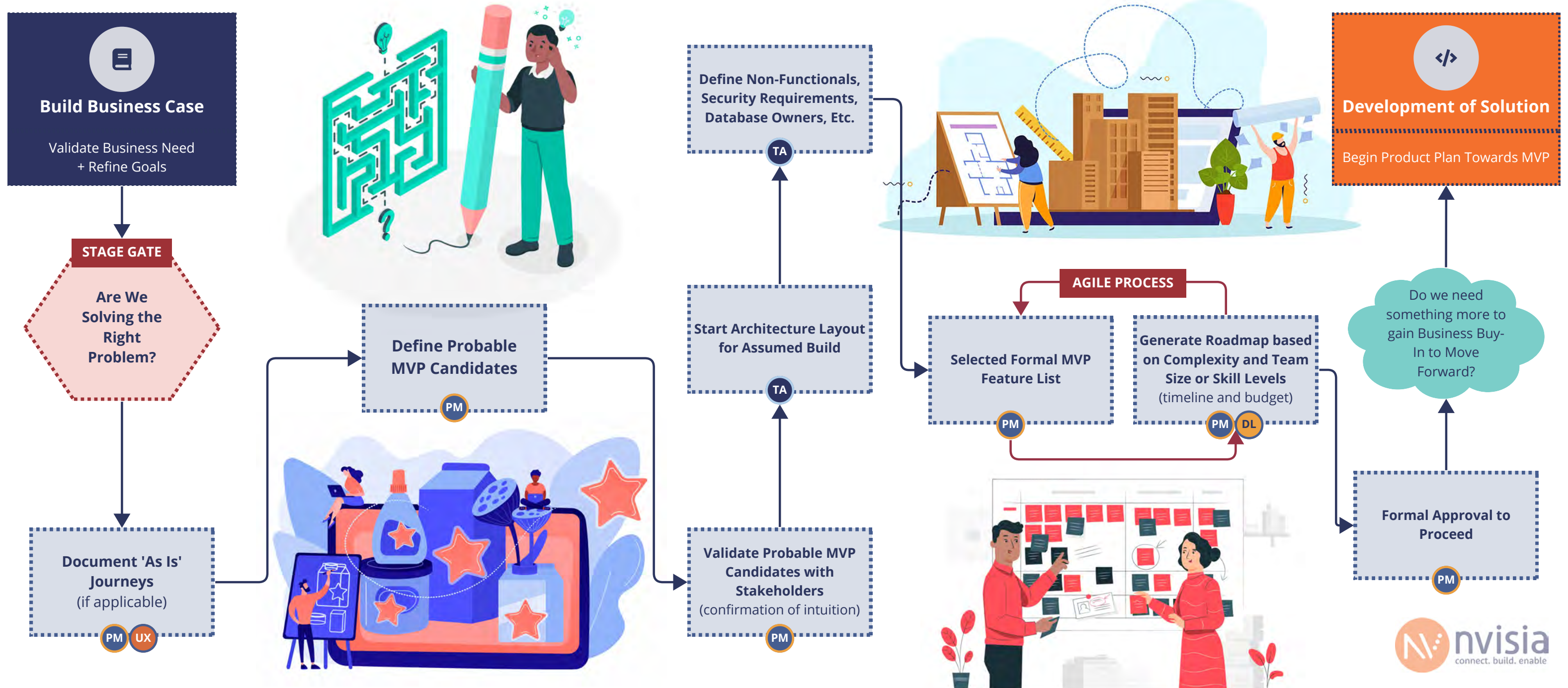
BUILDING THE BUSINESS CASE

validate business need + refine goals



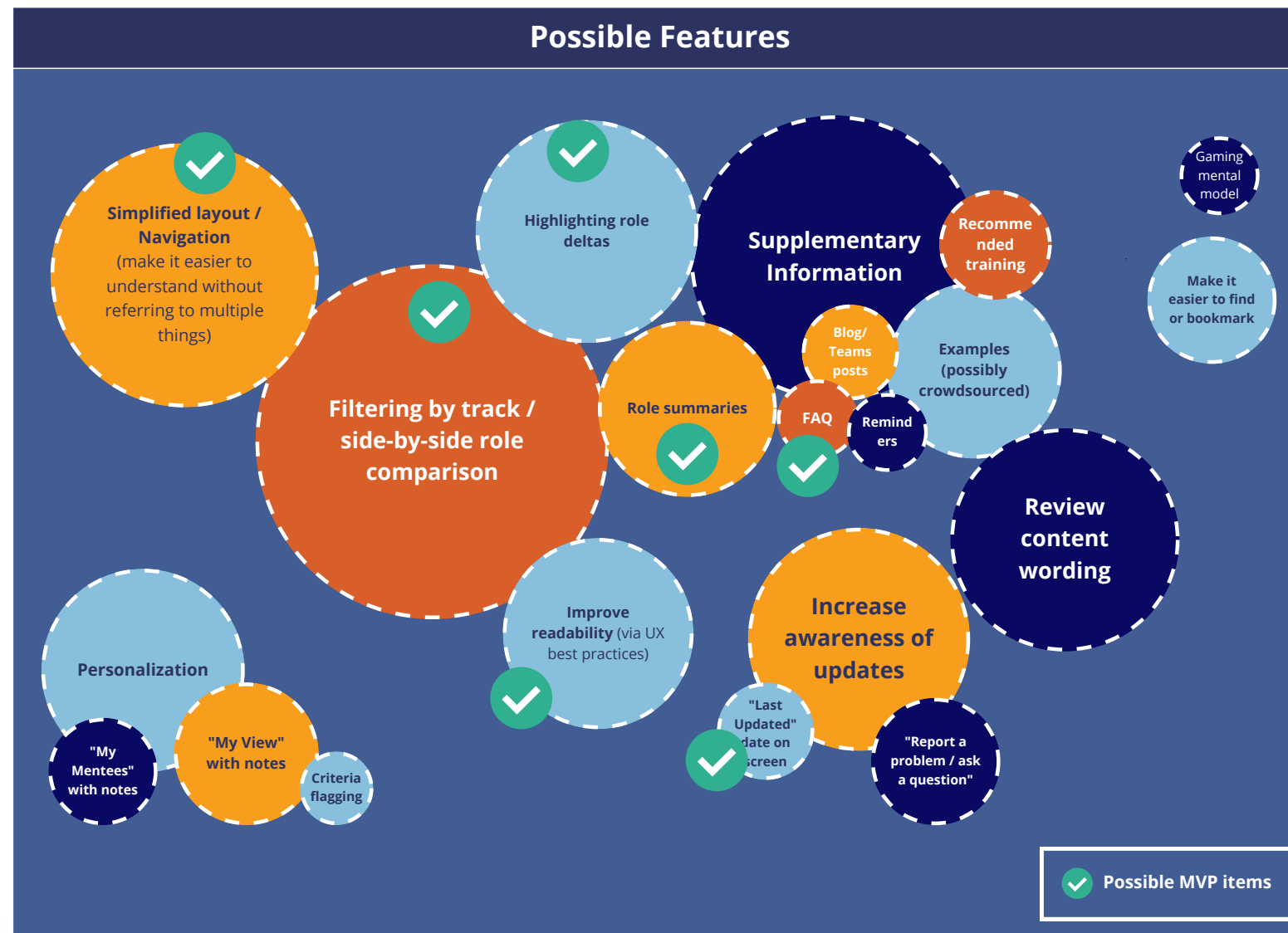
STAGE 2: BUILDING THE BUSINESS CASE

validate business need + refine goals

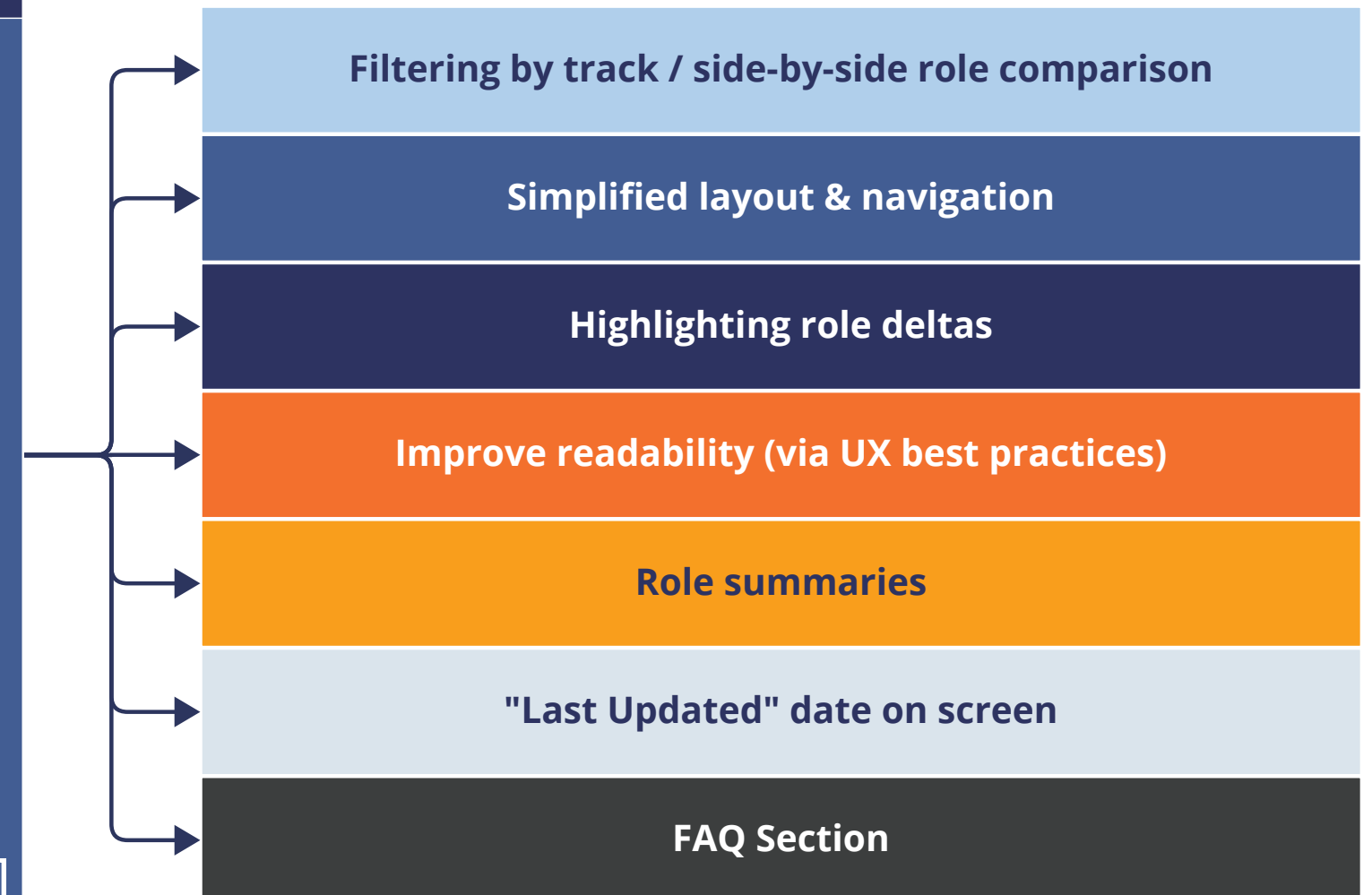


Determining the Features

WEIGHTING FEATURES

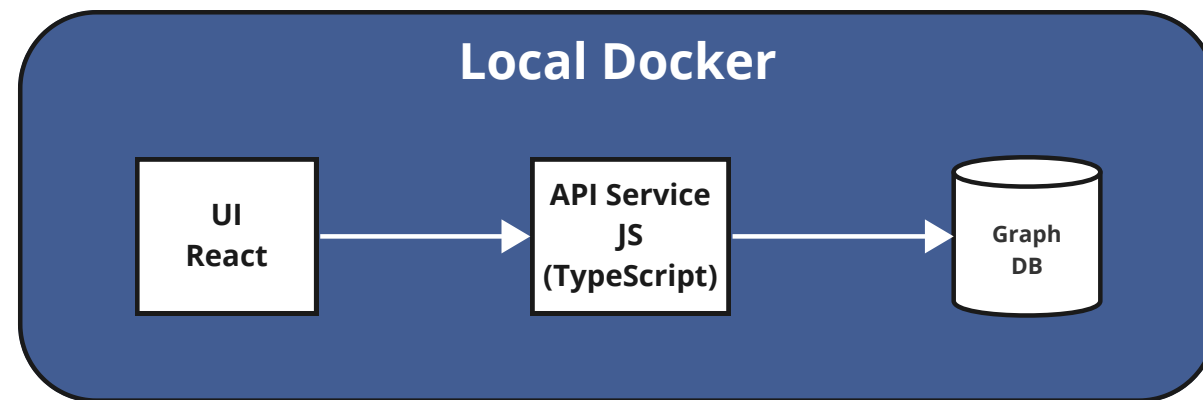


FEATURE BACKLOG BEGINS

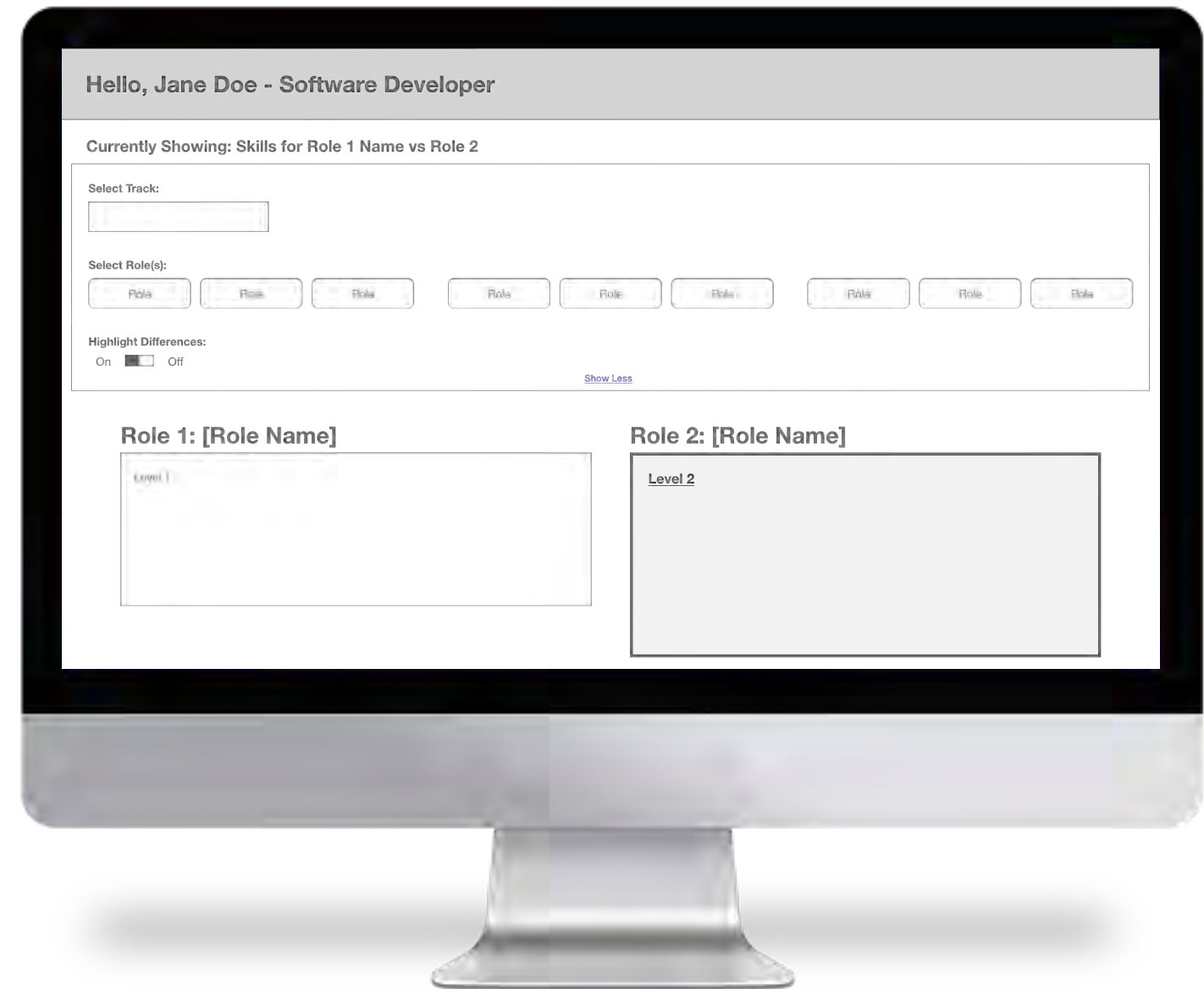


Imagining the Possibilities

ARCHITECTURE DIAGRAM



LOW TO MID FIDELITY MOCKUPS





STAGE THREE

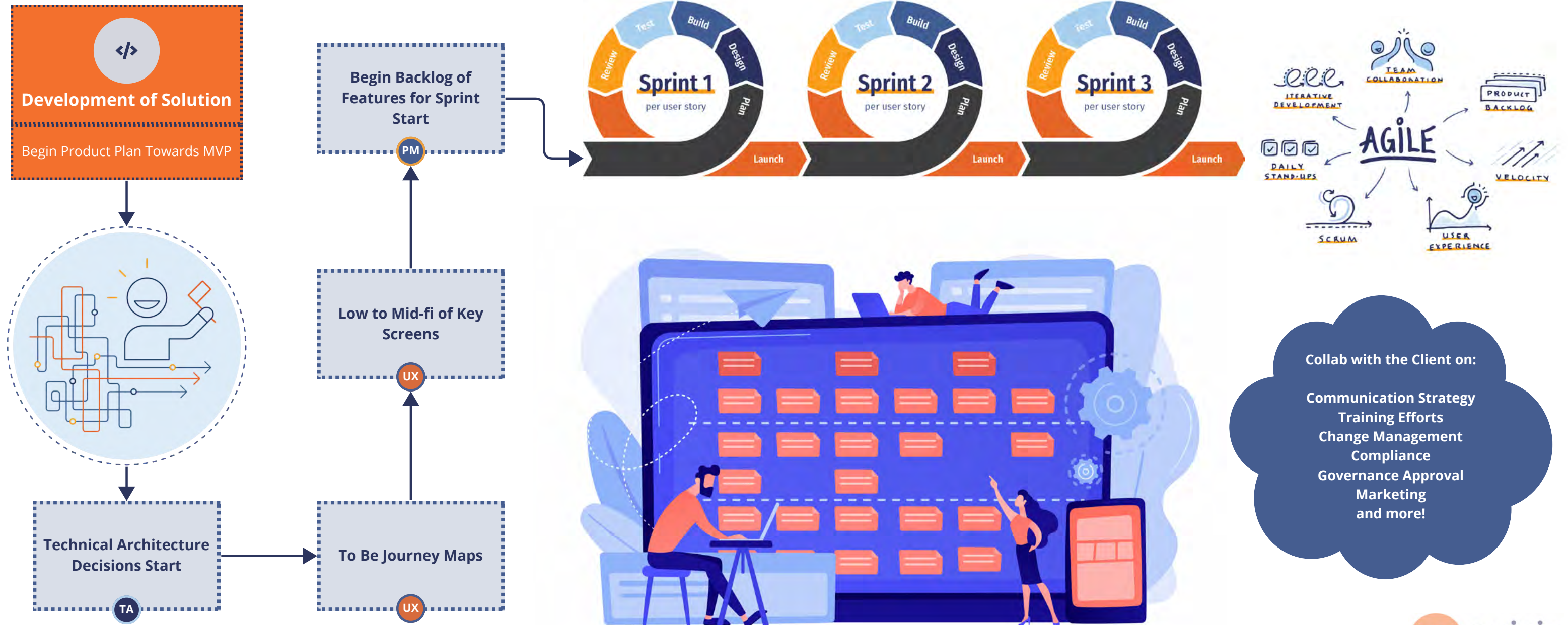
DEVELOPMENT OF SOLUTION

begin product plan towards mvp



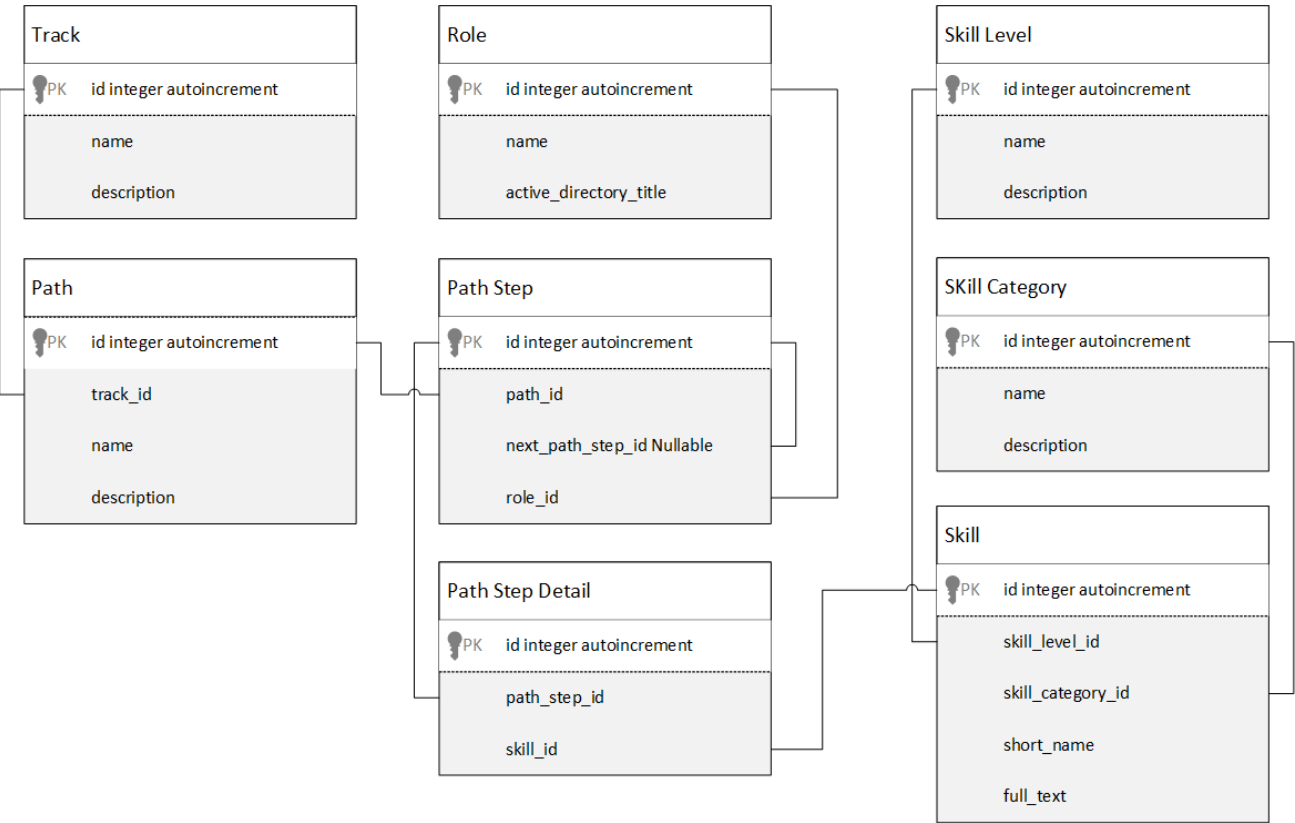
STAGE 3: DEVELOPMENT OF SOLUTION

begin product plan towards mvp

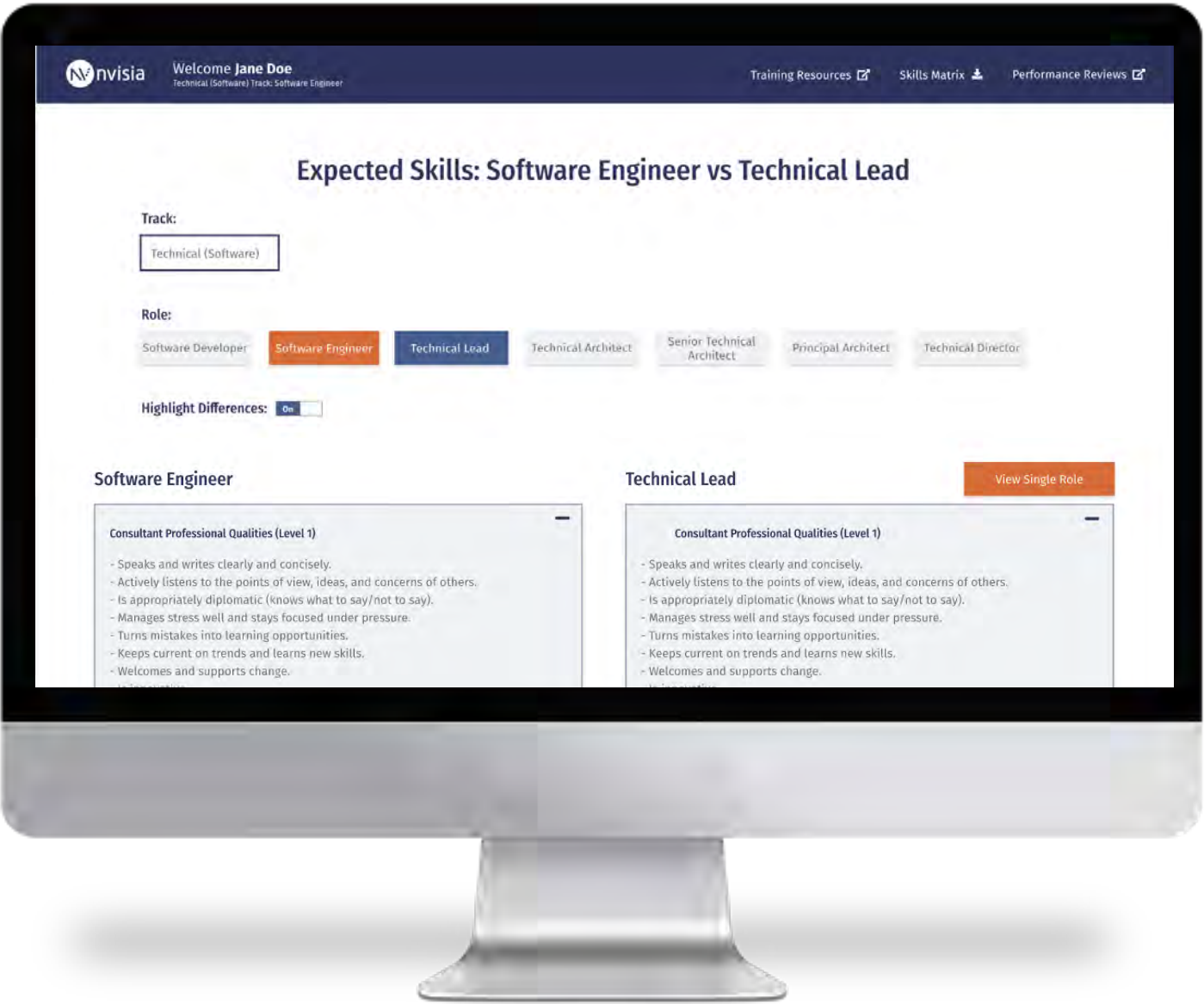


Design to Scale with Future Expansion

DATABASE DESIGN



HI-FIDELITY MOCKUPS / FRONT-END UI



Mentoring is part of every engagement.

Here are some of the ways we include your team and **prepare them to own the product long-term.**



Agile collaboration



Preparing the infrastructure and patterns to follow



Pair programming and mentoring



Design sessions



Training customized to your reference architecture



Architectural documentation

Conclusion

Thank You Questions?

