





# MINUTES 2021





January 24, 2021

### Agenda

- Project Progress
- Immigration Issues

### General and Roundtable Updates

- Dr. Aajami explained the results obtained from the optimization phase do not satisfy the expectation and that further work is required to address these poor results.
- Mr. Mohammadi and Mr. Khorrami talked about the latest update of the IRCC about SUV processing time.

- It has been decided that the domestic market be considered with more priority.
- Upon the request of Dr. Aajami team agreed to purchase two NVIDIA Jetson NX boards. Mr.
   Mohammadi will be in charge of this purchase.



February 21, 2021

Agenda

Prototype Evaluation New Product Features General Issues

### General and Roundtable Updates

- Dr. Barzin presented more details about the new feature that is recommended the WisdomX product to be augmented with.
- Dr. Aajami mentioned that his plan to get a work permit visa is canceled due to COVID-19 related restrictions in Ontario.
- The results of prototype evaluation after its optimization are presented by Dr. Aajami.
- Mr. Khorrami suggested starting the development of the product according to the 4-image model of NYU.



- It has been decided that the development of a full model version of the product will start in early March
- All team members agreed to prepare a marketing plan for the domestic market. Mr. Khorrami and Mr. Mohammadi will be in charge of this task.
- Upon the request of Dr. Aajami team agreed to purchase two NVIDIA Jetson NX boards. Mr. Mohammadi will be in charge of this purchase.
- Dr. Aajami will work on the technical aspects of adding the feature proposed by Dr. Barzin.



March 21, 2021

# Agenda

#### **Project Progress**

### General and Roundtable Updates

- Mr. Khorrami explained the approach we need to take for marketing and updates that need to be applied to the website and social media.
- Dr. Aajami reported the progress of the development of the full model-based product.
- Mr. Mohammadi explained that for the full model version of the product, the frontend needs a major revision.



- A comprehensive set of contents will be prepared for the website and social media. Dr. Abbaslou, Barzin, and Aajami will be in charge of this task.
- Mr. Mohammadi will assess the website and its search engine optimization (SEO) and provide a report in the next meeting.



April 18, 2021

# Agenda

Project Progress
Issues of Company Website

### General and Roundtable Updates

- Mr. Mohammadi explained his assessment of the company website. He emphasized that the website needs a major redesign and search engine optimization.
- Mr. Khorrami briefed about his meeting with two potential domestic clients and their expectations from a product like ours.
- Dr. Barzin and Abbaslou suggested some directions about the new content of the website.
- Dr. Aajami presented the status of the work on the full model version of the prototype.



- Dr. Aajami will deliver the full model version to Dr. Barzin for assessment and testing in three weeks.
- All members will present their suggestions about the new design of the website.



May 16, 2021

# Agenda

#### **Project Progress**

### General and Roundtable Updates

- Dr. Barzin presented the outcome of her assessment of the full model product. She emphasized that while detection results show an acceptable level of accuracy however the current outputs of the model may not be enough for radiologists to use our product.
- Mr. Mohammadi suggested producing some motion graphics to demonstrate our offerings.



- Dr. Aajami and the technical team will work on the model outputs.
- Mr. Mohammadi and Dr. Abbaslou will work on the motion graphic ideas.



June 13, 2021

Agenda

Project Progress Marketing

### General and Roundtable Updates

- Dr. Aajami explained that they have not been able to produce the desired outputs using the current model as well as the available solutions to address this challenge.
- Mr. Khorrami made clear why in the current situation, it would be better to not focus on entering Iran's market as it may make a negative impression.



- Technical team has to shortlist two alternative solutions for the current challenge of the product.
- Team agreed to purchase a high-end computer to be used by the technical team.



July 11, 2021

Agenda

Project Progress
Prototype Changes

### General and Roundtable Updates

- Dr. Aajami explained two candidate solutions for improving the performance of the product.
- Dr.Barzin and Dr.Abbaslou discussed the merits of these solutions from the radiologist's perspective.
- Final decision is made about how to improve the product.



- A new model will be designed and trained.
- Mr. Khorrami will coordinate the next stage of product improvement.
- Dr.Barzin and Dr.Abbaslou will collect the dataset and conduct the labeling process.



August 8, 2021

Agenda

The New Model Design
Data Curation

### General and Roundtable Updates

- Dr. Aajami explained two candidate solutions for improving the performance of the product.
- Dr. Aajami presented the design of the new model and its advantage.
- Dr. Barzin talked about the challenges of data collection. She emphasized on the need for a stringent data anonymization scheme.
- Mr. Khorrami suggested some directions for addressing the data collection challenges.

#### **Action Items**



 Mr.Mohammadi will be involved in the data collection task, especially in organizing data and labels.



September 5, 2021

Agenda

The New Model Design
Data Curation

General and Roundtable Updates

- Dr. Aajami explained the status of the new model development process.
- Dr. Barzin reported on the data collection process.
- Mr.Mohammadi presented his initiatives to facilitate data collection.

**Action Items** 



• Dr. Barzin will assign two of Negin Centers' staff to the data collection and labeling process.



October 3, 2021

Agenda

The New Model Design
Data Curation

### General and Roundtable Updates

- Dr. Barzin reported on the latest status of the data collection process. She assured this process will be finished in three weeks.
- Dr. Aajami announced that the new model is going
- to be tested next week.
- Mr. Khorrami suggested resuming working on the federated learning platform.

#### **Action Items**



 Dr. Abbaslou and Mr. Mohammadi will check the prepared data and transfer it to the training server.



October 31, 2021

Agenda

The New Model Development

### General and Roundtable Updates

- Dr. Aajami announced that model training can be conducted in the coming days by the technical team.
- Dr. Barzin had some suggestions to develop a model for mammography comparison using the prepared data.

#### **Action Items**



• Dr. Barzin and Dr. Abbaslou will do the validation and testing of the new model.



November 28, 2021

Agenda

The New Model Test General Issues

### General and Roundtable Updates

- Mr. Khorrami reported on WisdomX in Iran's Research & Technology Week exhibition. He explained the possible investor's requirements.
- Dr.Barzin and Dr.Abbaslou reported on the results of testing the new model.
- Mr. Mohammadi summarized the meeting with the Spark Design Specialist.



- The new model will undergo more assessment by Dr. Barzin and Dr. Abbaslou.
- Founders agreed to continue WisdomX in a self fund manner. As external investors' requirements can make serious challenges in relocating to Canada.
- Dr. Aajami will present a roadmap for the following stages of product development.



December 26, 2021

Agenda

Hardware Issues Next Stage Plan

### General and Roundtable Updates

- Mr. Khorrami raised the hardware vendor dependent issue. He emphasized that WisdomX needs to diversify the hardware part of its platform.
- Dr. Barzin provided some feedback regarding the new model.
- Dr. Aajami presented the draft of the plan for the next stage.



- Dr. Aajami will finalize the plan and also provide a list of candidate Single Board Computers(SBCs).
- A special end-of-year video will be prepared by Mr.Mohammadi.