APPENDIX A:

This questionnaire is used to find out user categories, users knowledge on Jawi script and Palmtop. The questionnaire is divided into Section A, B and C. Kindly fill in all section.

Section A : About Users Profile

1. **Age :**

50 above
30-49
24-29
18-23

2. **Gender :**

☐ Male

☐ Female

3. **Marital Status :**

☐ Bachelor

☐ Married

4. **Race :**

☐ Malay

☐ Chinese

☐ Indian

☐ Others (Please specify
....

5. **Education**

☐ SRP/PMR
☐ SPM

☐ STPM
☐ Diploma

☐ HND
☐ Degree

☐ Master
☐ PhD

6. **Occupation**

☐ Preschool Teacher
☐ Clerk
☐ Executive
☐ Lecturer
☐ Upper Managements/Managers
☐ Others(Please Specify)
....

APPENDIX B:

Section B : Knowledge about Jawi

1. Do you know what is Jawi script?

   Yes   No

2. Do you know that Jawi script was a popular writing script not long ago?

   Yes   No

3. Do you know that Jawi script became less significant after roman script takes over?

   Yes   No

4. Have you ever thought that Jawi script will become a history and be placed in archives?

   Yes   No   Not Sure

5. Have you ever know that Jawi script is based on the Arabic script and there are 6 characters that added, which represent Malay vocals?

   Yes   No

6. Do you know that Jawi script was official script used for writing in Tanah Melayu?

    Yes   No

7. Do you know that the past population of Malaysia, Singapore, Brunei, south Thailand and Indonesia have used Jawi script?

    Yes   No

8. Do you know that JAKIM, PENJAWIM and UM are among institutions that try to revive Jawi script through JAWINET?

    Yes   No

9. Will you support the effort taken by government and other institutions in popularizing Jawi script?

    Yes   No

10. In your opinion, do you think that Jawi script should be revived specifically to preserve Malay heritage and generally for language civilization?

    Yes   No   Not Sure

Section C: Knowledge about Palmtop

1. Have you ever been heard/seen/read about Palmtop/PDA?

   Yes   No

2. Are you aware of Palmtop as an electronic organizer that can be used to access Internet, to play games and listening to music i.e MP3's?

   Yes   No   Not Sure

3. Do you agree that Palmtop is better than laptop in the sense of its portability and smaller size?

   Yes   No

4. Do you know that the latest Palmtop technology integrates handphone and digital camera function?

   Yes   No

5. Do you agree that palmtop would be a necessity rather than a luxury in the future?

   Yes   No

6. If Palmtop become affordable, would you like to own one?

   Yes   No

7. Would you believe if in the future Palmtop would be capable of running complete Multimedia application?

   Yes   No

8. If such technology in question 7 exists, would you like to try it?

   Yes   No

9. Do you know that in the software market, there are electronic Quran that can be operated on Palmtop for example the Al-Muhaffiz?

   Yes   No

10. Based on question 9, do you think that a Multimedia application like Jawi software for preschool children can be implemented on Palmtops like Al-Muhaffiz?

    Yes   No   Not Sure

11. Would you like to buy that Jawi software on palmtop for your used or for others?

    Yes   No

APPENDIX C:

PROTOTYPE 'MARI BELAJAR JAWI' FOR PRESCHOOL CHILDREN
ON PALMTOP

This questionnaire is used to measure the user acceptance and satisfaction towards several topics such as application content and organization, navigation and link, user interface design and performance of 'Mari Belajar Jawi' on the palmtop. The questionnaire is divided into Section A and B. Kindly fill in all section.

Section A : About Users Profile

1. **Age :**

50 above
30-49
24-29
18-23

2. **Gender :**

☐ Male

☐ Female

3. **Marital Status :**

☐ Bachelor

☐ Married

4. **Race :**

☐ Malay

☐ Chinese

☐ Indian

☐ Others (Please specify)
....

5. **Education cum Qualification**

☐ SRP/PMR
☐ SPM

☐ STPM
☐ Diploma

☐ HND
☐ Degree

☐ Master
☐ PhD

6. **Occupation**

☐ Preschool Teacher
☐ Clerk
☐ Executive
☐ Lecturer
☐ Upper Managements/Managers
☐ Others(Please Specify)
....

APPENDIX D:

INSTRUCTION: Please √ the appropriate answer based on the scale given and answer all questions.

SCALE : 1 = Totally Disagree   4 = Agree

   2 = Disagree   5 = Totally Agree

   3 = Not Sure

Section B: About the Mari Belajar Jawi Prototype on palmtop:

1.

Content and organization	1	2	3	4	5
a. Contains related topic about Jawi					
b. Contents accurate and precise					
c. Contents well organized on palmtop					
d. Contents suitable for preschool children					
e. Clear and easy to understand and read on the palmtop.					

2.

Navigational	1	2	3	4	5
a. Easy audio tool tip					
b. All the links properly targeted					
e. Smooth navigation on the palmtop					

3.

User Interface Design	1	2	3	4	5
a. The prototype interface design suitable for preschool children					

	1	2	3	4	5
b. The prototype interface design is suitable for palmtop screen					
c. The combinations of colors in palmtop are nice and user feels comfortable.					
d. The prototype does not contain annoying features					
e. The button, size, color, position and function are consistent throughout the program.					

4.

Performance	1	2	3	4	5
a. Runs at acceptable and smooth speed on the palmtop					
b. Easy to use and learn in the palmtop.					
c. Efficient in convey the knowledge through palmtop					
d. Sound and music make the children learn comfortably					
e. Gain better understanding in writing and reading Jawi.					

Feel free to give comments and suggestions to improve this prototype

_____

_____

_____

We appreciate your cooperation and kindly thank you for your participation.

APPENDIX E:

This structured interview was designed for Preschool Children to gather user requirement on the proposed application.

This interview shall have 3 part. Part A for Jawi Script, B for Jawi Application and C for Palmtop.

Age : _____
Kindergarten:_____

Part A: Jawi

1. Do you know Jawi/Alif Ba Ta?

   ☐ Yes   ☐ No

2. Do you learn Jawi at school? (If answer no 1: yes)

   ☐ Yes   ☐ No

3. What tool do they use to teach you Jawi? (If answer no 1: yes)
   ☐ Books   ☐ Computer
   ☐ Television/VCD   ☐ Radio
   ☐ Chalk and blackboard/   ☐ Others:_____
      Marker pen and whiteboard

4. Which of these tools do you prefer?(can choose <1)
   ☐ Books   ☐ Computer
   ☐ Television/VCD   ☐ Radio
   ☐ Chalk and blackboard/   ☐ Others:_____
      Marker pen and whiteboard

5. Do you think it is easier to understand, using your preferred tool of teaching Jawi?
   ☐ Yes   ☐ No

6. After learning Jawi at school, do you still learn it at home? (If answer no 2: yes)
   ☐ Yes   ☐ No

7. If 6 is Yes,
   Then with whom do you learn Jawi at home?_____

What do you use to learn Jawi at home ? _____

Part B: Requirement of Jawi Application (Can choose > than 1)

1. What colour do you like?

   ☐ Red   ☐ Blue

   ☐ Green   ☐ Yellow

   ☐ Black   ☐ White

   ☐ Brown   ☐ Others:_____

2. What shape do you like?

   ☐ Circle   ☐ Square

   ☐ Triangle   ☐ Others:_____

3. Which medium do you like?

   ☐ Sound/Audio   ☐ Animation/Moving image

   ☐ Graphic/Picture   ☐ Others :_____

Part C: Palmtop

The children will be exposed to the palmtop by showing them the HP iPaq Pocket PC H 1910. They will feel and touch the palmtop by themselves. After that the Part C interview will be proceed by the interviewer.

1. Is it portable?

   ☐ Yes   ☐ No

2. If you could own it, do you want to have one?

   ☐ Yes   ☐ No

3. Do you want to learn Jawi on palmtop?

   ☐ Yes   ☐ No

APPENDIX F:

PROTOTYPE OF JAWI APPLICATION ON PALMTOP

This structured interview is used to measure several aspects related to the application on palmtop and the preschool pupils themselves. The pupils will be shown the suggested Jawi Application on Palmtop and test the system with the interviewer's help.

Age   : _____
Kindergarten   : _____

1. Is it easy to use?

    ☐ Yes   ☐ No

2. Is it easy to understand and learn the content?
    ☐ Yes   ☐ No

3. Is the contents well organized?
    ☐ Yes   ☐ No

4. Do you see clearly the writings and pictures?

    ☐ Yes   ☐ No

5. Does the application run smoothly without interruption?

    ☐ Yes   ☐ No

6. Do you get response when you click the interface?

    ☐ Yes   ☐ No

7. Do you like the colors?

    ☐ Yes   ☐ No

8. Do you like the interface and the elements in it?

    ☐ Yes   ☐ No

9. Do you like to learn Jawi in this palmtop?

    ☐ Yes   ☐ No

10. If 9 is Yes then, why?

- ☐ Animation/ Moving image
- ☐ Sound/Audio
- ☐ Graphic/Picture
- ☐ Easier to carry
- ☐ Portable
- ☐ Others (Please state):_____

11. Do you like to learn Jawi using books OR palmtops?

- ☐ Book
- ☐ Palmtop

12. If you are given an opportunity to learn Jawi on palmtop, where do you want to learn it?

- ☐ Home
- ☐ School
- ☐ Playground
- ☐ Others (please state):_____