## Storyboard

## Project Name: Paint With Voice

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| 1. Our design proposes a new method of interaction with a drawing application. Imagine a person that cannot use his/her hands in order to interact with the computer, but he can speak to it. As the logo is suggesting, *Paint With Voice* enables drawing using voice commands. | 2. We can start from the following scenario:  Dad: - Why are you sad, son?  Child: - I wish I could draw, father!  Dad: - Well, as it happens, I know how we can solve this! |

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| 3. And that is how the father opens a new world to his son: *Paint With Voice*. | 4. Having no time to lose, the kid starts interacting with the application. He is fascinated from the very beginning about the various ways that he can choose to draw:   * *free style* (he can choose a brush and freely move it on canvas with commands like *right*, *left*, *top-right*, *curve* etc.) * *shape based* (he can chose from a variety of shapes and add them to the canvas)   Let’s choose the free style and see what’s happening. |

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| 5. Child: - Whoa!... More options:   * *brush* *type* * *thickness* * *color* * *speed* (the brush is moving using *start…stop* commands, so we need fine settings for speed, but we can also consider to move by number of pixels) | 6. Child: - Ok, I got bored of so much options, so let’s see what we can do with them:   * *select pen brush, set color black, set thickness 1* * *position to left bottom corner, let brush down* * *direction up, go, …, stop, direction right, go, …, stop* * *set color red, direction down, go, …, stop* * *set color green, set thickness 3, direction right, go, …, stop* * *undo, direction left, go, …, stop*   Child: - Wow, it looks nice. |

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| 7. Child: - Well, I’ve managed to draw a few shapes, which were labeled with numbers. However, I don’t like that they are empty. Let’s try this:   * *select shape 2, fill back solid green* * *select shape 3, fill back dot red*   - Wow, it worked! | 8. Child: - Ok, I drawn some simple shapes, but I’m not that enthusiast about them. It would be nice if I had some pretty templates which I could color using my great imagination.  We’re very glad to hear that, because we have a powerful tool named *Fill Bucket*, and plenty of uncolored templates. In conclusion: *Let your imagination fly, master!* |

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| 9. Child: - Wow, such a cool application. I think it can’t surprise me more.  Well, never say never. There is this cool feature where you may sing (or play a song) and the painter will draw a line by the rhythm of the music. And that’s not all. We are thinking to also change colors and apply nice effects as the music plays.  Child: - So cool! | 10. Child: - Finally, I got it done! My mom would be so glad to see this. But wait, how would I give it to her?  Don’t worry! Just say the magic word, *master*:   * *print*… |

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| 11. We’ve come a long way, but we can say it worth, because *all's well that ends well*, due to *Paint With Voice*. |  |