INTRODUCTION

• The smartphone penetration rate for disabilities is 65.4%
• This indicates that 41% of people with visual impairment are accompanied by difficulties surveying the difficulty of using smartphones.
• 44.2% answers "the environment for access to necessary information is not ready." Next, 30.2% were "most services focused on non-disabled people"
• Smoking rate of disabled people is 18.7%, non-disabled people is 22.6%
• They need an application for people with low vision

RESEARCH QUESTION

1) Setting goals and strengthening smoker's daily goal
   - It can strengthen smoker motivation to quit smoking
2) Information about health change
3) Adjusting the placement of characters and feature
   - Central vision is phenomenon in which appears black at center.
   - Peripheral is a phenomenon where edges are not clearly visible.
   - RQ1: What are the features for basic smoking cessation?
   - RQ2: What are the UI considerations for low vision?

CONCLUSION

• We propose a prototype based on features and UIs to support people with low vision for quitting smoking.
• On the main screen, daily goals were placed at the center to increase motivation.
• We made it possible to sweep the records of the day.
• Second sections that will allow you to sweep through health information for quitting time.
• We aim to develop UIs based on symptoms by installing various features of the low vision application for smoking cessation.
• We plan to make the application considering the symptoms of blind spot, night blindness, corneal opacity, etc. in the field of vision other than the two symptoms.