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| **2025 14th ICT Complex SW Development Competition**  (PIUDA Project) Progress Ideas & Upgrade Developments of AI&Apps |
| **Theme : Development of solutions to enhance the lives and welfare of the socially disadvantaged (disabled, elderly, Individuals with Borderline Intellectual Functioning)** |
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**★ Outstanding solutions will be piloted through related social welfare organizations. ★**

To explore creative solutions and develop software (SW) focused on resolving social issues,

we are pleased to announce the 14th PIUDA Project in 2025.

We look forward to your active interest and participation!

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| [PIUDA Project Overview]  Progress Ideas & Upgrade Developments of AI&Apps  The PIUDA Project is the **only SW development competition in Korea**  that connects **demand-based idea planning** → SW development (prototypes)  → domestic and overseas **pilot testing**, and ultimately to **commercialization support.** |

**□ 2025 14th ICT Complex SW Development Competition, PIUDA Project**

**□ (Theme)** Development of solutions to enhance the lives and welfare of the socially disadvantaged

(disabled, elderly, Individuals with Borderline Intellectual Functioning)

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| **No.** | **Category** | **Topic** |
| 1-1 | Disabled  person | A service that helps provide and utilize support program information tailored to the user's needs. |
| 1-2 | A service that assists with health management (exercise, hygiene, meals, etc.) or helps individuals manage it on their own. |
| 1-3 | An AI-based interactive service addressing communication needs for individuals with developmental disabilities.  \*\*Social workers struggle with after-hours calls from individuals with developmental disabilities\*\* |
| 1-4 | A service that helps individuals with hearing impairments improve their pronunciation. |
| 1-5 | A service that identifies and responds to emergency situations for people with disabilities living alone. |
| 1-6 | A service that helps predict, prevent, and manage challenging behaviors in individuals with severe developmental disabilities. |
| 1-7 | A service that enhances the efficiency of social workers supporting individuals with disabilities. |
| 2-1 | Elderly | A service that helps prevent loneliness-related deaths among elderly individuals living alone. |
| 2-2 | A service that identifies and responds to in-home emergencies (e.g., falls, fainting) including in places like the bathroom. |
| 2-3 | A service that aids in medication management (e.g., reminders, status tracking, smart pillbox). |
| 2-4 | A service that supports health management (exercise, hygiene, meals, etc.) or enables self-management. |
| 2-5 | A service that reads and provides voice guidance for various documents for individuals with low vision. |
| 2-6 | A service that supports case management (counseling, assessment records, etc.). |
| 2-7 | A service that provides and manages personalized information (hobbies, support programs, transportation, etc.). |
| 2-8 | A service that helps improve the work efficiency of social workers supporting elderly people. |
| 3-1 | Individuals with Borderline Intellectual Functioning | A service that helps individuals easily access and utilize useful information for daily life. |
| 3-2 | A service that creates a community for borderline intellectual functioning individuals and encourages participation. |
| 3-3 | A service that simplifies information from various media (TV, newspapers, SNS, etc.) into easy words. |
| 3-4 | A service that helps individuals with borderline intellectual functioning find employment. |
| 3-5 | A service that helps identify and address dangerous situations (e.g., crime involvement, suicidal thoughts, etc.). |
| 3-6 | An interactive service for communication and empathy for individuals with borderline intellectual functioning. |
| 3-7 | A service that enhances the efficiency of social workers supporting individuals with borderline intellectual functioning. |

∙ Choose a topic from the detailed options and proceed with development.

∙ Only one application per team is allowed, and the topic number must be entered in the application

\* HW development for SW implementation is also possible.

**□ Eligibility**

· Anyone interested in the topic can apply in teams of up to 5 people

\* Teams of 3-5 people are recommended for smooth collaboration and expansion of ideas

**□ Procedure**

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| **Demand Survey** | ▶ | **Development topic & selection** | ▶ | **Preparation Promotion** | ▶ | **Promotion & application** |
| 3.17. ~ 3.28. | 3.31. ~ 4.4. | 4.7. ~ 4.11. | 4.14. ~ 5.13. |
|  |  |  |  |  |  | ▼ |
| **Mid-term Evaluation (Presentation screening)** | ◀ | **Orientation** | ◀ | **SW development Period** | ㅊ | **Preliminary (Document Screening)** |
| 6.25. ~ 6.26. | 5.21. | 5.16. ~ 6.23. | 5.15. ~ 5.16. |
| ▼ |  |  |  |  |  |  |
| **SW development**  **Continues** | ▶ | **Final (Presentation) & Awards ceremony** | ▶ | **Demonstration consultation & Target selection** | ▶ | **Demonstration contract & execution** |
| 6.26. ~ 7.29. | 7.31. | ~Aug | Sep~Dec |
|  |  |  |  |  |  | ▼ |
| ※ Finalist teams will receive support such as expert mentoring  (development & welfare), equipment and space.  ※ A total of 9 awards: 6 main prizes (NIPA Presicents award), 3 special awards | | | | |  | **Support for Dissemination of outcomes** |
| ‘26. Jan |

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① Application : 4.14.(Mon) ~ 5.13.(Tue) 22:00 KST (Late submissions will not be accepted)

② Preliminary (documents) and selection of participating teams : 5.14.(Wed) ~ 5.15.(Thu)

③ SW development : 5. 16.(Fri.) ~ 7.27.(Sun.)

④ Orientation : 5.21.(Wed.)

⑤ Mid-term Evaluation (Presentation) & Finalist Selection: Jun. 25 (Wed) ~ Jun. 26 (Thu)

⑥ Final (presentation) and award ceremony : 7.31.(Thu.)

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**□ Application**

· Download the application form, fill it out, and submit it via email to ictcoc@kfict.or.kr

\* Be sure to compress and attach supporting documents related to the application (e.g., awards, papers, certificates, degrees) and any relevant reference materials.

**□ Document screening**

· Evaluated based on motivation, development plan, expectations, and team development capabilities

· (Extra points) If the team includes at least one current or past participant of ‘AI·BC Complex Training’ or ‘Digital New Technology Training’ operated by NIPA (3 points)

\* Training certificate or training confirmation (if in progress) must be submitted

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| **Evaluation Items** | **Score** | **Evaluation Criteria** |
| Motivation for Participation | 20 | • Clarity and rationale behind the participation  • Interest and understanding of the competition theme  • Completeness and depth of the content provided |
| Development Plan Based on the Selected Theme | 30 | • Development plan alignment with the theme  • Specificity and feasibility of the development plan  • Completeness and thoroughness of the content provided |
| Expected Impact and Outcomes | 30 | • Practical applicability of the developed product/service  • Potential for scalability and commercialization  • Completeness and depth of the content provided |
| Development Capabilities of the Team and Members | 20 | • Team leader and members' skills and qualifications  • Appropriateness of role assignments for theme and needs  • Completeness and depth of the content provided |

**□ Awards & Prizes**

· Grand Prize (1 team): Certificate (Awarded by the President of NIPA) and 3,000,000 KRW

· Excellence Award (2 teams): Certificate (Awarded by the President of NIPA) and 2,000,000 KRW per team

· Encouragement Award (3 teams): Certificate (Awarded by the President of NIPA) and 1,000,000 KRW per team

· Special Awards (3 teams): One team selected per category, each receiving a certificate from:

- President of the Korea Association of Welfare Centers for Persons with Disabilities

- President of the Korea Association of Senior Welfare Centers

- Director of the Lifelong Education Support Center for Individuals with Borderline Intellectual Functioning

**★ Outstanding projects may be piloted by social welfare organizations ★**

(Note: Pilot applications may be canceled if the project doesn't meet required standards.)

**□ Support**

· Workspace & Equipment: Dedicated seats, development devices (PCs, smart devices, server PCs, etc.)

· Expert Mentoring: Expert-led Diagnosis and Improvement of Development Challenges, and Key Insights

· Commercialization Support: Business support for outstanding projects after pilot application

**□ Other**

· Selection will be revoked if the application contents are found to be false.

· Entries that are already completed, marketed, or commercialized will not be eligible for selection or awards.

· The team is fully responsible for any problems such as illegal theft and copyright infringement related to the entry

·The results will not be disclosed, and inquiries and appeals regarding the results will not be accepted.

**□ Inquiries**

PIUDA Project Operations Office (02-6953-0536~7, ictcoc@kfict.or.kr)

**□ Hosted by**

Ministry of Science and ICT

**□ Organized by**

National IT Industry Promotion Agency (NIPA)

The Korea Federation of ICT Organizations

The Korea Association of Welfare Centers for the Disabled

The Korea Association of Elderly Welfare in home care

Borderline Intelligence Lifelong Education Support center

**□ Supported by**

Korea National Council on Social Welfare

ETNews (Electronics Times)

**□ PIUDA Project Official Page**

▶ <https://ictcocpiuda.imweb.me/>

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| ICT Complex SW Development Competition,  「PIUDA Project」   |  | | --- | | PIUDA Project Application Form | |

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| **Team name** | |  | | |
| **Team Leader** | **Name** |  | **Email** |  |
| **Contact** |  |
| **Team Member** | **Name** |  | **Email** |  |
| **Contact** |  |
| **Team Member** | **Name** |  | **Email** |  |
| **Contact** |  |
| **Team Member** | **Name** |  | **Email** |  |
| **Contact** |  |
| **Team Member** | **Name** |  | **Email** |  |
| **Contact** |  |
| **Topic(No.)** | | *Choose topic(s) from the official list; include all that apply.* | | |
| **Project Title** | | *Name of the product/service to be developed* | | |
| **Project Description** | |  | | |
| I hereby submit this application for participation in the 『ICT Complex PIUDA Project』.  I acknowledge that any false or misleading information provided herein may result in disqualification, cancellation of selection, and potential liability for damages or other legal consequences.  2025. . .  **Applicant(Team leader) Name Signature**  **Attachments:**  1. PIUDA Project Development Plan  2. Personal Information Consent Form  To: ICT Complex | | | | |

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| ICT Complex SW Development Competition,  「PIUDA Project」   |  | | --- | | PIUDA Project Development plan | |

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| **Project Title** | *Name of the product/service to be developed* |
| **Topic(No.)** | *Choose topic(s) from the official list; include all that apply.* |
| **Project Description** | *Describe the functions, features, and uniqueness of the project in detail.*  *∙* |
| **Background & Objectives** | *Reflect the understanding of issues and realities faced by disadvantaged groups*  ***Please provide detailed information!***  ***∙*** |
| **Development Plan (Process, Strategy, Timeline)** | *Provide detailed and systematic information!*  ∙ |
| **Team & Member Capabilities** | *Describe each team member's capabilities in detail*  *Provide detailed and systematic information!*  ***∙*** |
| **Expected Outcomes** | *Describe the expected outcomes and benefits of applying the developed product.*  *Consider the sustainability and commercialization of the developed product.*  *Provide detailed and systematic information!*  ***∙*** |

※ The blue text is a guide; please remove it and enter your content (in black) when filling out.

※ If mentioning external awards, certifications, or achievements, please submit supporting files separately.

※ Use diagrams and images where applicable; **clearly cite sources (e.g., literature, statistics) when referenced.**

**※ Write at least 2 pages, but no more than 5 pages.**

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| ICT Complex SW Development Competition,  「PIUDA Project」   |  | | --- | | Personal Information Consent Form | |

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| In accordance with Articles 15-1-1, 17-1-1, 23-1, and 24-1-1 of the Personal Information Protection Act,  we seek your consent for the collection and use of personal information as outlined below. |

**1. Collection and Use of Personal Information**

**□ Purpose of Collection and Use**

○ The information will be used for the operation and management of the ICT Complex "PIUDA Project" program.

**□ Information to be Collected and Used**

○ Required Information

- Personal identification information (Name, Phone number, E-mail, etc.)

**□ Retention and Use Period**

○ The above personal information will be promptly destroyed upon achieving the purpose of retention, upon the data subject’s request for deletion, or from the date consent is given for collection and use.

○ However, after the conclusion of the business, it will be retained and used for a period of 3 years in accordance with relevant laws and regulations (Enforcement Decree of the Act on the Management of Public Records).

**□ Right to Refuse Consent and the Consequences of Withholding Consent**

○ Consent to the collection and use of the required personal information is essential for the implementation of this project; therefore, you must agree before proceeding. If you do not agree, you will not be able to apply for this project.

**□ Do you hereby consent to the collection and use of personal information as outlined above?**

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| **Collected Information** | **Name, Phone Number, Email** | ( □ I agree □ I do not agree ) |
| **Purpose of Collection and Use** | **Identity verification, Program notifications, etc.** | ( □ I agree □ I do not agree ) |

**2025. . .**

**Applicant Name Signature**

To: ICT Complex