Business Analyst Solved Case Study

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This case study outlines the analysis and solution design for a Health Monitoring Application targeted at professional ice hockey players in Korea.   
The application enables athletes to track meals, water consumption, physical activity, goals, and weight, while allowing coaches to monitor athlete progress via connected devices.  
  
Key Highlights:  
- Identified 10 dependencies critical to the project, including integration with devices, compliance with data privacy, and availability of technical resources.  
- Designed a release plan spread across four sprints, with a maximum of 20 story points per sprint, balancing athlete functionality, tracking, notifications, and coach visibility features.  
- Organized 25 user stories into prioritized sprints with unassigned stories placed in backlog.  
- Created detailed use cases for the first three user stories: entering weight and height, tracking weight improvements, and setting target weight goals.  
- Each use case captures goals, triggers, pre-conditions, post-conditions, basic and alternate flows, exceptions, and quality attributes.  
  
This solved case study demonstrates structured requirements gathering, backlog prioritization, sprint planning, and use case documentation — reflecting the practical role of a Business Analyst in agile delivery.