ID	Title	Description	Confirmation	Priority (within this Sprint)	To be done in
S2-001	Points Accumulation	As IcyWorld visitor, I want to have my Reward Points automatically accumulated when I tap my IcyBand at the terminal for each attraction I visit, so that I can later use these points to redeem gifts.	5 reward points each for the merry-go-round and roller coaster. 7 reward points for the riverboat. 10 reward points for the theatre.	High	Sprint 2
S2-002	Activation of IcyBand	As IcyWorld Staff, I want to activate the IcyBand so that the visitors may later use it for collecting points and I can use their visiting records to analyze visitor data.	Allow the user to use this specific band to collect points and redeem gifts on the specific day of activation.	High	Sprint 2
S2-003	Record Visitors' Visits	As IcyWorld Staff, I want to record all visits and corresponding timestamps of visitors using the fact that the user will tap their NFC band onto the terminals at the entrance of each attraction, so that I use the data to analyze visitors' interests in attractions in IcyWorld and later improve the services.	Create Visit Record object to each visit, and later use these data for calculating total points earned and analysis of visitor data For each user's visit, record (timestamp, bandID, attractionID)	Medium	Sprint 2
S2-004	View Visitor Statistics	As IcyWorld Staff, I want to see statistics of guests' visits for any specific attraction on a specific day chose by me, so that I can understand which attractions attract visitors most and later enhance the services	Staff can choose the specific attraction and specific date, and then, see: - Total visits of the attraction on that day (in number) - Distribution of visits by hour of day (in line chart over time) - Distribution of number of repeat guest visits on that day (in percentage)	Medium	Sprint 2
S2-005	Modify Gift Catalog	As IcyWorld staff, I want to modify the gift catalog so that we can provide gifts according to the gift stock, and may attract the visitors with new gifts	Staff can can change the gifts visibile to visitors, gift name, image, description, and points required for redemption,	Medium	Sprint 2
S2-006	Authenticate Staff	As IcyWorld manager, I want the system to authenticate the staff before allowing a previleged operation, such as modifying gift catalog or viewing visitor statistics, so as to achieve operational security.	Staff needs to authenticated when: - change reward points associated with attractions - change gift catalog - restock the gifts - view data analysis of attractions visited by guests	High	Sprint 2
007	Modify Reward Points for Attractions	As IcyWorld Staff, I want the system to allow me to change the reward points earned by each visitor for visiting a particular attraction, or add new attractions to the system.			Release 2
008	Empty Points	As IcyWorld Staff, I want to empty the reward points collected in all bands at the end of every day, so that after they are collected, and given to the another visitor in another day, they start from 0 reward point.			Release 2
009	Avoid Duplicate Record	As IcyWorld Staff, I want to record all visits and corresponding timestamps of visitors using the fact that the user will tap their NFC band onto the terminals at the entrance of each attraction, so that the data of guests' visits I will later analyze is accurate.			Release 2