SRS, Design, and Implementation Summary

1. Technologies used and experience with them for each member

Team member name	HTML & CSS	Bootstrap	JavaScript	QuaggaJS	React	SQL with MySQLWb	NodeJS
Edin Žiga	Very Experienced	Very Experienced	Moderately Familiar	No prior experience	No prior experience	No prior experience	Little prior experience
Faruk Imamović	Very Experienced	Moderately Familiar	Little prior experience	No prior experience	No prior experience	No prior experience	No prior experience
Nedim Kunovac	Very Experienced	Moderately Familiar	Moderately Familiar	No prior experience	No prior experience	Moderately Familiar	Little prior experience
Mirza Redžepović	Very Experienced	Very Experienced	Little prior experience	No prior experience	No prior experience	Little prior experience	No prior experience

Table 1 Technologies Used

2. Contribution table for SRS document

Team member name	Task Assigned	Status of the tasks
Edin Žiga	SRS Document REV1.0 review, lead release plan development, REV2.0 updates and finalization, REV3.0 updates	Completed
Faruk Imamović	SRS Document REV1.0 review, lead use case development, REV2.0 general review	Completed
Nedim Kunovac	SRS Document REV1.0 task distribution, review and finalization, lead system features development, REV2.0 contribution table review	Completed
Mirza Redžepović	SRS Document REV1.0 review, system evaluation development, REV2.0 corrected diagram design	Completed

Table 2 SRS Document Contribution

3. Contribution table for Design document

Team member name	Task assigned	Status of the tasks
Edin Žiga	Design Document REV1.0 review, introduction and modules, REV2.0 updates and finalization, REV3.0 updates	Completed
Faruk Imamović	Design Document REV1.0 task distribution, review and finalization, lead user interface & use case diagram design, REV2.0 general review	Completed
Nedim Kunovac	Design Document REV1.0 review, sequence diagram design, REV2.0 general review	Completed
Mirza Redžepović	Design Document REV1.0 review, UML class diagram design and Trello integration, REV2.0 corrected diagram design	Completed

Table 3 Design Document Contribution

4. Contribution table for implementation

Frontend Development	
Team member name	**Contribution**
Faruk Imamović	• Skeleton for the whole application • QR Code reader development and implementation • Skeleton for all the functionalities related to the QR Code reader (Manual add, finish scanning, return & continue) • GitHub repository moderator
Mirza Redžepović	• Login page skeleton • Course list page skeleton • Template for tables used in multiple pages • Trello board moderator
Backend Development	
Team member name	**Contribution**
Nedim Kunovac	• Skeleton for server • Initial database, connection to the database • Connection between frontend and backend, made sure the data was visible within the application, element formatting • Internal routing within the application
Edin Žiga	• Database updates for multiple users and courses • Template functions used for fetching and updating data within the database • Login page logic and routing, template for functionalities that were different for each user

Table 4 Implementation Contribution

5. Github link with updated code:
   FarukIm/SEProject (github.com) <- Hyperlink
   https://github.com/FarukIm/SEProject <- URL
   Disclaimer: It was not possible for each member to upload their files as each file was edited by at least three members. Rather, we did our best to include comments within each file to show which member was responsible for which block of code, but even with that most of the blocks were collaborations between multiple members. It also must be noted that the file structure for the entire project was changed multiple times as to account for different features and improve working efficiency.
6. Changes made to initial plan:
   a. The implementation of all functionalities labeled as "must have" were successful, though it must be noted that UR2.1 was edited as to scan QR Codes (instead of barcodes) as the barcodes available on the back of the IUS Student id cards were simply too small to scan.
7. Trello board link and screenshots:
   Attendance Scanner | Trello <- Hyperlink
   https://trello.com/b/xzbqAssz/attendance-scanner <- URL

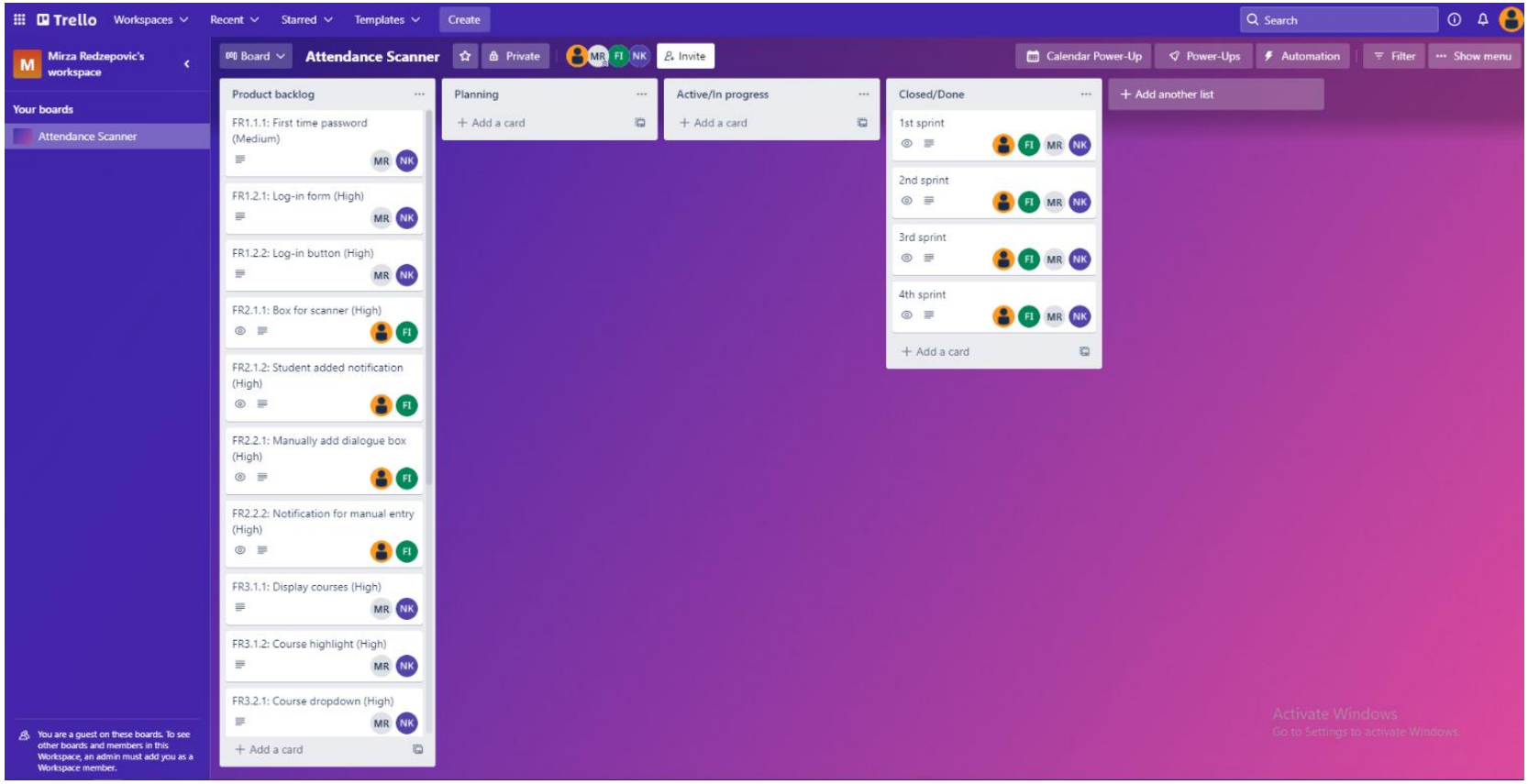

Figure 1 Trello Board