Sprint 9 Script

**ELHAM**

Slide 1 – Introduction

* Hello miss Anjana. Today we are pleased to present you our final system implementation for my group T15, our application is name RepairBud.
* Even though we could not complete the project the best way we know we can, we feel pride in showing you when we have come up with during our time together.
* Even though it is not complete we worked as hard as we could to get to the this current point in our project.
* We have learned a lot about project management, time management and teamwork through this course
* And with that being said let us get into the presentation

Slide 2 – Quote

* This quote, we feel, perfectly portrays this course.
* As we progressed through our academic years there were course that told us how to be programmers. They were all great courses but this course was the most challenging
* Mentally and Physically, we all the late nights and endless errors.
* But we did learn a lot, not just about programming.
* We learned discipline, hard work, teamwork and more
* It was a great experience being apart of this course

Slide 3 – Table Of Context

* This is the schedule for our presentation
* First, we will introduce my team
* Second, we will give a brief recap of what our project is all about
* What is in scope, what is out of scope
* Third, we will see a live demo of our system
* And lastly, our concluding thoughts about our project as a whole

Slide 4-5 – The team slide

* Again, we are team T15. We are responsible for the software called ReapirBud
* This is our team of developers
* We have:
  + Artem Dryevov
  + Asim Patel
  + Patrick Parreno
  + And myself
* We are all co-managers for this application, along with full stack developers , as we develop this application using the mean stack. More About technologies later

Slide 6 – team roles

* Here we have a more defined set of roles and task each of our team members were focused on as the project progressed into the development stages
* For example, Patrick and Asim were in charge of developing and enchancing the user experience of our website
* I was incharged of the user interface and validation throughout our site
* these are the roles we were tasked to focus on.
* But every team member was in reach when it came to queries that came up. Overall it was a great team environment to be in

Slide 7

* Now Asim will take over giving the recap of our assignment

**ASIM**

Slide 8 – Project Description

* Thank you Elham
* To recap our project helps car servicing shops or repair shops organize and store client information based.
* What this means the system will store customers information about appointments, personal information to make a customer profile, and it will allow the modification and deletion if needed of these files.
* The end goal of our application is to eliminate the use of paper based documentation in these establish.
* This would give them more secure storage of files and less waste emission.
* They would Ultimately gain more than lose more if they use our application

Slide 9 – Personas

* So to give a detailed review of our application we have outlined the personas again.
* So these are the 4 types of personas that are going to be interacting with our software
* the roles that are designated for our application are as followed
  + the service advisor
  + service concierge
  + service coordinator
  + Service Manager
* We recently re-scoped our project the functionalities and business process that the user will be performing will be the same across all roles
* The designation of roles is strictly for business purpose to know which staff is working and what type of role they have in the organization

Slide 10 – Scope

* Like I said before we have re-scoped our application.
* What we have in-scope and what we have built thus far is as followed
* User will have the ability to
  + Book appointments, view appointment details and edit appointments as they seem fit
  + Create, view and edit customers profile
  + We have implemented a payment history table within our application
  + Users will have to enter records manually about payments that customers have made through their history at the establishment
    - The main purpose for this is to keep digital record of payments rather than just receipt, as that can lead to security vulnerabilities
  + We will have a staff member table to view all staff that works within the establish
    - Here they can view available staff members and the designated role they play at the company
  + We have implemented searching and sorting for all these data tables that are to be displayed
    - There is auto fill function within the search that we will demo shortly
  + Lastly, we have develop a live data dashboard that updates daily based on the information about the current days activities.
* We will display all these features in our demo shortly

Slide 11 – Out Of Scope

* For what we have Scoped out is the following
  + Storing and creating repair orders
    - This is due to the complexity that had to go into implementation of these functions
    - Due to time constraints and personal issues we have decided to scope this out.
    - We felt that if we were going to present our final implementation we have to reduce our scope in order to meet the deadline and present something worthwhile.
  + We are also scoping out payments.

The records that we have displayed as payments are manually recorded payment history. Its main purpose is to keep records digitally

* + - We will not be taking any form of payment through our application
  + The application will not have printing capabilities. If a user wanted to view/edit/delete records they can do as they wish. But as far as printing out records we not implemented that feature.
* As for the future implementation of these methods we want to complete our fully scoped project to its fullest.
* Even though we will not be graded on implementation after this point, it will still be a great learning experience and will aim in becoming a better programmer.

Slide 12 – What we Created

* Our application is one where we focused on the user experience and ease of use for our users
* When we demo our system shortly you will see all these things listed here
* We have a fully responsive UI that dynamically changes depending on which resolution screen you are on
* It also have full screen capabilities if the users feels they want to use that option
* Also our main functionalities are within the application when it comes to record storage
* The user experience of our application was critical to use. Our application could do all we have planned out but if it not put together in a way that the user doesn’t like then no one will use it.

Slide 13 – Demo

* I will hand the presentation over to Patrick

**DEMO – PATRICK**

Slide 14

* From here I will let Artem take over as he will begin to wrap things up for us

**ARTEM**

Slide 15 – Technology Used

* As for the technologies that we used we have decided to commit to the MEAN stack
  + After long discussions we have come to the conclusion that the MEAN stack is the best for our application
  + For the front-end we are using angular 8
    - As long as some plugin that allow use to format our front end
      * These are
      * Angular Material
      * High Charts
      * Flexbox
    - For our server side API’s we are using
      * Express and Node.js
      * These technologies go hand and hand together as angular has functions and methods that allow bi directional communication with our backend to frontend
    - For our database we are using a noSQL database MongoDB
      * Even tho it is a noSQL database meaning there is no relations between the collections we are using a api framework with mongo in mongoose which allows use to create relations between the collections
  + We decided that the mean stack is the best for our application because all these technologies allow us to build our application the way we want to.
  + This framework makes it easier to route from backend to frontend easily and seemsly

Slide 16 – Process/Milestones

* So as we begin to wrap things up with this project for the year it is good to look back on where you started and how we got to this point
* It was a long journey filled with ups and downs, but it was a course we learned the most from because we started off blind but at the end gain clear visions of our goals and where we are heading
* This project began in first semester. As we did not know each other we decided to form a group, the 4 of us came up with this idea.
  + We built everything from the ground up
  + Starting with a lot of documentation and information gather
  + This part taught us that there is much for to software than just coding
  + If we did not start out like this it would have been really difficult to build an application of this size blindly
* Then when second semester started to come around we have a good place to start
  + We set up the basic configuration for our application
  + We build a brand identity around what we had documented
  + And we re-scoped our application to be more refined
* The hardest step was the development Phase
  + As personal issues and situations around the world developing we had to really had to come together to build a project that at the end we could be proud of
  + We sat day and night to figure out problems and debug broken code
  + As a team this last 2 months or less brought us closer and taught us the value of team work
  + Because life comes at your fast you need a good supporting cast to keep pushing you
* Finally here we are presenting a project even though it is not complete we made sure to keep pushing

Slide 17 – Project Close

Closure Activity Confirmation

* As for the project closure report for the closure Activity confirmation the software is not where we want it to be
* We started this project with such a broad scope that at the end we got really overwhelmed with the work we still needed to do.
* That is what brought about the re-scoping of our project implementation
* The biggest factor that we deemed was ultimately the cause of our short coming was time

Project Value

* The value of this project is that at the end of the day it rids business of the user of paper documentation and storage.
* That was the end goal for our application. If we can reduce the amount of paper that a company uses and lower down their waste production then that is a win for us
* We wanted to build an application where a company can have their records stored securely and confidently to the point they will never go back to paper based documentation

Lessons Learned

* There were a lot of lessons learned in the process of building this application
* The main takeaways that we got were time management, focus and team work are what make or break a software development time
* At times there were times we felt like breaking and giving up but because of our team and our unwillingness to go out like that we decided to keep pushing
* Ultimately our downfall was time, we mismanaged our time and lost focus on areas we should have been focused
* These were lessons learned the hard way

Slide 18 – Future Plans

* Our future plans for this project is to simply complete it
* Even though after this point in time we are not going to get graded on what we do were the application we still want to complete the project in full, because this was our goal from the start of the semester
* This process will continue to help us grow as programmers and feel a sense of fulliment when this project is done
* Maybe will can book a meeting with you in the future to really get a sense of us as programmers and our willingness to keep going
* I will now hand the floor back onto Patrick for the closing remarks to our presentation

**PATRICK**

Slide 19 - 20