Charles Sturt University

Assignment 1

Student Names:

Name:	Student ID:	Roles:
Noman Ahmed Khan	11567969	Project Manager, Programmer
Sandesh Raja Thapa	11575549	Project Researcher, Analyst
Aman Kumar Chandubhai Parmar	11569794	Tester, Debugger

Subject Name: Software Development Project 1   **Subject Code: ITC303**

Lecturer: Ather Saeed   **Assignment No: 1**

Project Proposal

Business Case

The project is based on an e-commerce website that is targeted at university and college level students of Melbourne, Australia. The purpose of this website is to allow users (students) to create a profile where they can upload a list of used books along with their price and ISBN number that they would like to offer other students to purchase. An added functionality this website provides its users is that they can also trade books. For example, if the owner of a book is willing to trade the book, they can post the trade requirements in place or in addition to the price.

Users of the website will be able to search for any book. In addition to this, users will also be able to do the following:

o Compare the prices of the same book being offered by different users.
o View the trading requirements set by other users and communicate with them by sending a message to the seller asking for a trade deal.
o Provide a platform for students and book communities to interact using the forum.

Other features of this website include:

o A forum where users will be able to discuss various topics related to books, courses, studies, notes, schools and professors.
o A list displayed on the homepage that includes the books with highest availability and books that are in demand around various Melbourne colleges/universities.
o A request page. (Users may request what book they would like to buy).
o Donate Page. (Refurbish books and sell them for cheaper price).
o An online shopping cart where payments will be made online.
o Purchase Points: Points will be awarded to customer users where they are rewarded 1 point for every $10 spent. For example, if a user has bought a book for $20, they will be awarded 2 points. As their points accumulate, students will be able to avail discounts on their future transactions.

The company will keep a small percentage of shares on each transaction. The collected funds will be used towards further improvement of the website,

purchase of more books to increase the listings and to provide discounts to students.

Since the project is still in the preliminary stages of Project Design, some features may be added, removed, improved and improvised as expertise, knowledge and skills develop over the semester.

Scope

- o Although targeted mainly at students, the website caters for all kinds of books and book readers.
- o Initially the website is for Melbourne users only, but in future it may expand to all over Australia.
- o All payments are to be made online. Purchase Points are only provided when books are bought and are **not** provided for trading.
- o If students have made trade deals, it is their responsibility to meet up with the seller, the company's role is to only provide a platform for information.

Justification

Melbourne is and has been the most livable city for many years and is home to many Universities and Colleges, catering thousands of international and domestic students. Not being able to find the book they want because it has already been taken by other students from the library or simply stressed out because of the expensive book price, is a common frustration that Melbournian students face.

This website is being created, in hopes of solving the problem or at least reducing the instance of it happening by some extent.

Team Charter

Working in teams is an incredible feeling but for the team to achieve the intended goal, it is necessary for the team members to be united for a common purpose. Everyone is expected to be clear about the roles and responsibilities and what is expected from each of them.

Team Mission and Objectives or Goals

- One major goal of the team is to learn new and improve on existing software development concepts and support one another to successfully complete the Project.

- Another major goal of the team is to take roles seriously and stay committed to the project throughout the semester.

- To ensure high levels of productivity and performance by all group members.

- In doing the project Integrity, Diversity, Efficient and Effective Communication and Accountability, all have been taken into consideration.

Project Obstacles

- Constraints of Time
- Issues in Communication
- Differing preferences personalities, perspective, and priorities
- Stress

However, mitigating measures are taken into consideration which aim to overcome above obstacles.

Role Identification and Contact Details

Name	Student ID	Role	Email
Noman Ahmed Khan	11567969	Project Manager, Programmer	Noman-ahmed-khan@live.com
Sandesh Raja Thapa	11575549	Project Researcher, Analyst	Sandes.rtz96@gmail.com
Aman Kumar Chandubhai	11569794	Tester, debugger.	Aparmar62@gmail.com

Parmar			

*Although these initial roles have been identified, since we're working with only 3 members, the roles will be swapped among the team.

Ground Rules

The basic values and operating principles and procedures that will govern our team:

a) Meetings and Contact

- o Regular meetings in University Class- Every Tuesday 9:30 to 12:30 am.
- o Additional information exchange using E-emails, and Asana-Our chosen push communication mechanism.
- o Meetings outside university will be held over Video conferencing through Skype.

b) Every team member is expected to commit to the Project, complete their tasks on time for the success of the Project.

Strengths

Noman:

- Task Orientated
- Good Programmer
- Outspoken
- Effective Team Leader

Sandesh:

- Work Ethic and Speed
- Writing
- Highly Motivated
- Results focused

Aman:

- Technical skills
- Problem-solving ability
- Dedicated
- Efficient programmer

Push Communication Mechanism

For Logging Messages, Sharing Files, and Video Conferencing, our Team has established Skype for push communication.

The Link to Conversation:

https://join.skype.com/RuiBAOg8YBT5

Version Control

For version control repository, we have chosen GitHub. The project has been established, and members have committed access.

Link: https://github.com/in-fidle/book.trd

Resumes

Noman Ahmed Khan

2/21 Hubert Avenue, Glenroy VIC 3046
+61-470 278 752
noman-ahmed-khan@live.com

Education

Charles Sturt University, Bachelor of Information Technology with focus in Software Development, Melbourne, Australia - Current Student

A Levels- Independent Studies, Karachi, Pakistan- 2014
A Level Cambridge International Examination:

- o A*(Chemistry, Maths)
- o A (Physics)

Experience

Successful Transition Enhanced by Peers (STEP) Leader | Charles Sturt University | Melbourne, Australia *05/16-Present*

- o Mentor to new and existing students
- o Conduct outgoing phone calls

Skills

- o Team Player with ability to make decisions as needed, to adapt and learn quickly
- o Strong skills in Microsoft Office packages.
- o Proficient in Python, HTML, CSS3 and Java, JavaScript and PHP.
- o Excellent multi-tasking and organizational skills
- o Expertise in surveillance
- o Works well with others and has an outgoing personality
- o Physically fit and active
- o Strong oral and written communication skills
- o Responsible, efficient and hardworking
- o Dedicated and willing to handle new responsibilities

Sandesh Raja Thapa

3-37 Belmont Road
Ivanhoe Vic 3079
0422256484
sandes.rtz96@gmail.com

Summary

Highly communicative individual with strong interpersonal skills and an ability to adapt to working in team environments. Motivated by challenges, opportunities and willingness to get out of the comfort zone. Positive attitude at all times and dedicated student working to the highest of ability and effectively managing the challenges of part-time employment while studying Bachelors of Information Technology at Charles Sturt University.

Key Skills

- Positive, enthusiastic, friendly and passionate
- Excellent communication skills and fluent in English with 7 each band in IELTS on 4th Nov 2014
- Trustworthy and ready for opportunities
- Faith in self and desire to be on top
- Time management skills and willingness to work
- Ability to overcome and be good with discomfort and uncertainty in life

Software Skills

Mastery of Microsoft Office programs (Word, Excel, PowerPoint), excellent computer user who understands its various features and a fast typist.

Education

Higher Secondary Education Board, +2 (2014)
Xavier Academy, Nepal
School Leaving Certificate (2011)
Triyog Higher Secondary School, Nepal

Professional Snapshot

Abdul Sales Footwear – Worked from 25th February 2015 to 20th April 2015
Cleaning Property Services – Working from 13th April 2015 to Present.

Effective Communication Skills: Fluent communicator with an appreciation for the different communication styles required when working with other team members or with customers.

Honest and Reliable: Able to take on tasks with a degree of responsibility due to strong morals and ethics ensuring positivity, honesty and reliability.

Flexible with discomfort and uncertainty: Understands the need to remain flexible to support last-minute demands and changes. Comfortable with changing environments and situations ensuring the ability to remain flexible and adaptable.

Time Management: Dedicated to effectively prioritizing and managing time by allocating tasks and activities and keeping track of them in diaries and daily to-do lists.

Aman Parmar
Software Engineer and Game Designer

Berwick VIC 3806
aparmar62@gmail.com - +61 470-107-476

Summary

Enthusiastic for programming and flexible enough to work with any programming language. And also a game designer. Great work ethic for working with team in co-operative manner. Willing to relocate: Anywhere

Work Experience

Kitchen Hand/Cook Hungry Jack's, Spencer st - Melbourne VIC - June 2015 to December 2016

- o Responsibilities
  Handling broiler, fryers and making burgers.

- o Skills Used
  Fast pace working.
  Working in a clean and hygienic place.
  Working as a part of team with Co-operative attitude.

Education

Bachelor's of IT in Information technology, Charles Sturt University - Melbourne VIC
2015 to 2018

HSC in Science, Secondary and Higher Secondary Education Board - Gujarat, IN
2012 to 2014

Skills

Java Programming (1 year), Python (Less than 1 year), C Programming (not c++) (1 year)

Certifications/Licenses

English speaking
July 2011 to Present

Programming
July 2011 to Present