

# **Myers-Briggs Personality Test with an Additional Feature Design to keep Peoples' Attention**



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**Bachelor of Computer Science &  
Information Technology**

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# **MYERS-BRIGGS PERSONALITY TEST WITH ADDITIONAL FEATURE**

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**AFFILIATED TO**



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# ABSTRACT

This project is a tribute to the Myers-Briggs Personality Test. Here you'll learn a lot about each individual personality type, their strengths, their weaknesses, their career paths and their relationships. You'll gain an insight into the construction of a website, the challenges and struggles, the ups and downs. The problem inside helps to keep the attention of the users, to try and influence their lives, one sentence at a time. The aim of the project is to provide the user with personal feedback, which they can utilise to improve themselves and become an increasingly well rounded person. The aim of the project will be met through conclusions drawn from research and contemplation.

**Keywords:** Myers-Briggs, Personality, Test, Quiz, Website, Introvert, Extrovert, Sensing, Intuition, Thinking, Feeling, Judging, Perceiving.

# Declaration Of Originality

*I declare that this thesis is my original work except where stated.*

Date

Signature

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# **Chapter 1**

## **Introduction**

### **1.1 Domain/Scope**

#### **1.1.1 What Is The Problem**

With the Myers-Briggs Personality Test, you complete the quiz and you receive your letters be it, INTJ, ESFP, INFP, ESTJ etc. You read up a bit about the personality type, and then you forget about it. How does one help people in understanding the importance of personal development. This is the problem that was found, especially within a college environment. College becomes very stressful, and people have taken their lives due to the stress of college. College should be a place where people thrive. Become new and better people, and not being completely bogged down in the stress that is caused in getting a good degree. Obviously to get a good degree you need to work hard. Some people take this to the extreme and take on a boatload of work with little to no relaxation. People dwell on the work they receive and don't get out enough and enjoy themselves.

### **1.1.2 Hypothesis**

You can get help from people like counsellors or friends, but something you can do is improve on your personality. Change your perspective on life and how you interact with life. You may just start surprising yourself with how you view life. Seeing the fruits of your labour and the understanding that along with hard work comes a lot of fun too.

## **1.2 Literature Review**

For those sceptical about personality types, this might just remove those thoughts. These types of websites that talk about personality type know more about you than you do. They are so accurate due to the years and years of research that go into them. When I first read up about my own personality type I was described to a tee. There were some things that I thought weren't to do with your personality but it was and described it so well. The only thing that was gotten wrong about me is the fact that INFPs are good with languages. This is wrong purely on the grounds of having a slight hearing problem and some sounds are hard to pick up and in some situations they can't be repeated correctly.

### **1.2.1 Myers-Briggs Official Website - [www.myersbriggs.org](http://www.myersbriggs.org)**

This website has an array of insightful information, along with navigational ease. Here you can find out anything and everything (*within reason*) about yourself and others.

The understanding of what each personality type stands for and what each binary group stand for is unknown to many people, but once it's explained it make

so much sense.

**Favorite world:** Do you prefer to focus on the outer world or on your own inner world? This is called [Extraversion \(E\)](#) or [Introversion \(I\)](#).

**Information:** Do you prefer to focus on the basic information you take in or do you prefer to interpret and add meaning? This is called [Sensing \(S\)](#) or [Intuition \(N\)](#).

**Decisions:** When making decisions, do you prefer to first look at logic and consistency or first look at the people and special circumstances? This is called [Thinking \(T\)](#) or [Feeling \(F\)](#).

**Structure:** In dealing with the outside world, do you prefer to get things decided or do you prefer to stay open to new information and options? This is called [Judging \(J\)](#) or [Perceiving \(P\)](#).

**Figure 1.1:** Different Letter Meanings

## 1.2.2 Personality Letter Typing Description

### Favourite World.

This is how you perceive the world, do you act quiet, reserved, talk when spoken to, soft-voiced or just down right **Introverted**, or do you speak loud, excited about everything, engaging in conversation, the centre of attention, all about me or simply put **Extroverted**?



**Figure 1.2:** Introverted vs Extroverted

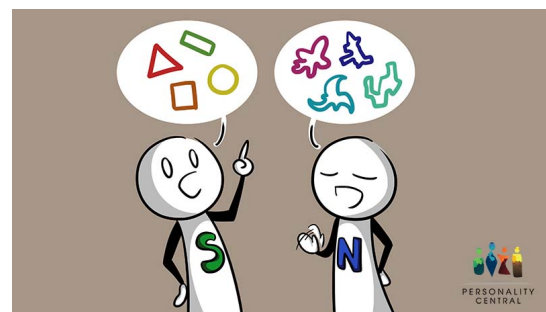
These features are the backbones to any person, they define who they are, but this doesn't mean you can't improve yourself and become a more well-rounded person. Becoming a more outgoing person isn't easy for introverted people. It's not an easy trait to gain but you do learn how to be more comfortable with people and in time and practice, you'll get better at speaking in front of people, for example, a presentation or a meeting. You mightn't switch personality types, but you know in yourself

that you've achieved a personal goal and that's what you truly want.

This isn't saying being extroverted is better, it's saying that different people have a hard time at accomplishing things that don't come naturally and being able to talk in front of a big group of people is hard and nerve-racking. In terms of being an extrovert, your mouth might 'get you into trouble'. People who are outgoing and the centre-of-attention may sometimes find it hard to 'filter' their words. They can find it hard to think about what they want to say and so they say the first thing that comes to their mind even if it's the wrong thing to say.

## Information.

This area is all about how you take in information, do you pay more attention to information that comes in through your five senses - **Sensing**, or do you pay more attention to the patterns and possibilities that you see in the information you receive - **Intuition**?



**Figure 1.3:** Sensing vs Intuition

Usually, an 'S' may use their gut to work something out. It'll save them time and allows for their work to start quicker than if they were to wait for all the details. Noticing facts and remembering details are important to those who seek it. Seeing the practical use of things and learning through this method is the best way for them in moving forward with it.

An 'N' will typically think it through more, to make sure you're 100% right. Using your own intuition can be quite beneficial sometimes. Impressions,

patterns and meanings, they are what drive an 'N'. Thinking of a problem through hands-on experience is the way forward. Discovering the line of the possible and impossible resonates with them so that they can think more towards the future than the past.

## Decisions.

Deciding between whether or not you want to trust your head on a topic - **Thinking**, or trusting that your heart knows best - **Feeling**.

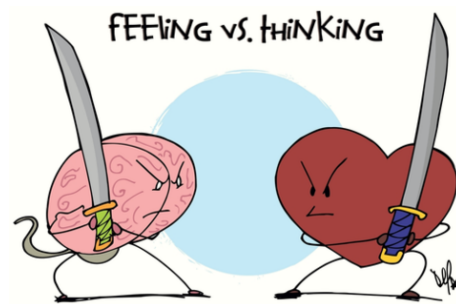


Figure 1.4: Thinking vs Feeling

Deciding between these two can be very hard sometimes. Sometimes you feel bad for someone so you'll trust your heart, but at the same time when you think it through, your head may end up coming up with different results, basing your thought process off facts.

As a '**feeling**' type of person, you imagine situations from the person's point of view and are truly prone to everyone is innocent before proven guilty. You want the best for people and want to condole them. It's never easy doing this and sometimes the situation could be made more difficult due to the fact things became personal. It can be hard sometimes to distance yourself from a tough situation especially when it means a lot to you, but sometimes it's best to do so.

On the other hand, '**thinkers**' don't confuse their feelings with what is right. This doesn't mean they are heartless, but that they see the situation as it is and make logical, even if harsh, decisions based on what is presented before them.

Allowing for personal vendettas to get in the way of their judgement call, doesn't happen to the same extent for '**thinkers**', everyone feels something and sometimes making the harsh decision is tough, but if the facts are lying out on the table, there's only one decision that can be made.

## Structure.

This is all about how people live their lives. What are their tendencies that form on the outside surface that determine who they are? Do people prefer a more structured and decided lifestyle (**Judging**) or a more flexible and adaptable lifestyle (**Perceiving**)?



Figure 1.5: Judging vs Perceiving

How do people like to live their lives? It's an interesting question. This is all about how someone acts on the outside and doesn't get defined by an internal characteristic. This is all about how someone organises themselves. Be in through plans or just even going with the flow.

'**J's**' enjoy the luxury of not having to worry about the future. They have their plans all lined out and are ready to just tick them off one by one. Organisation is key. In their world rushing is a no-go zone. Going on holiday is always a favourite of theirs. Structured plans on where to go and at what time. This takes time but being prepared is a must.

This is quite the opposite for '**P's**'. They must likely don't know the meaning to structure, but if they do, it's only hazed definition. Going with the flow and

being spontaneous is the ideal situation for them. Their flexibility allows them to enjoy life in a very different way. Not knowing where you'll be at any one moment during the day is paradise. Who cares for lists anyways, they are only restraints to having fun. Having a mix of work and play that's what's necessary in a day-to-day scenario.

### **1.2.3 16 Personalities Type Test - [www.16personalities.com](http://www.16personalities.com)**

Why was this website chosen for my learning and understanding of the various different personality types?

Good question, this is where my interest in the vast array of personality types started. Two years ago, this site was introduced to me, and still to this day, it is lived by. Learning and growing through the information available on this site. There is some much more that can be done for this website in terms of personal interaction, and that is the challenge accepted.



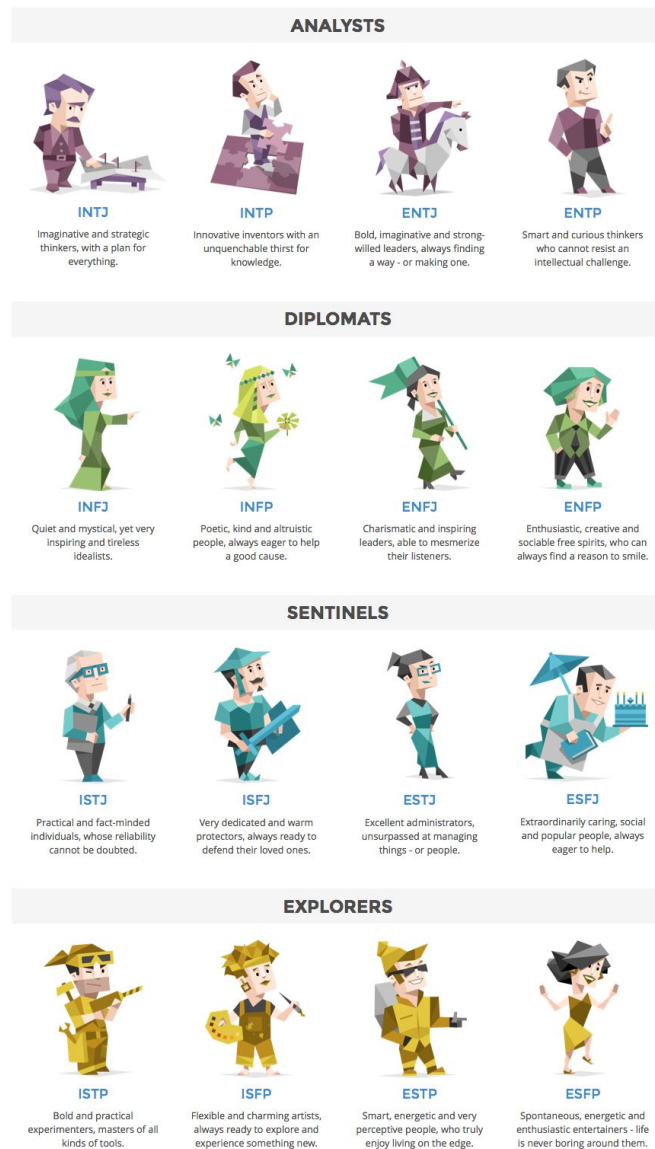


Figure 1.6: The 16 Personalities

My challenge for the next 16 pages (a page for each personality type) is to give you a quick synopsis on what each personality type is like, their number 1 key strength and weakness, careers paths and relationship styles.

### 1.2.4 16 Personality Type Explained

There are so many different personalities that some may end up overlapping every so often. Within every personality, there will be points mentioned that are really true

and some that are just straight up false. It's hard to truly categorise people in such extremes but what you will find is that the majority of the points are true.

## **INTJ - Architect**

### **Strengths and Weaknesses**

A key **strength** of INTJs is:

- **High Self-Confidence**

–INTJs trust themselves in coming to a conclusion very highly. They feel that they have no reason to doubt their findings. When INTJs are right, they're right. There's no way someone is going to hold them back from letting the person know they are wrong, be it about a person, process or even themselves. They don't hold back.

A key **weakness** of INTJs is:

- **Arrogant**

–INTJs are perfectly capable of carrying their confidence too far, falsely believing that they're the only person who could ever solve such a hard task. Believing everyone else is inferior to them in every single way. This trait makes them hard to get along with sometimes.

### **Careers**

INTJs feel that they work better alone or in small groups. They loathe anyone who receives work through their social prowess and political connections. Possible job opportunities include mechanical and software engineers, lawyers, consultants, project managers, system analysts marketing and military strategists.

## Relationships

When it comes to a partner, INTJs have a 'perfect' person already decided. If they don't tick all of the boxes, they'll just keep searching until they find that one person. They seek strong, deep relationships and trust their knowledge and logic to ensure that their partner is satisfied, both intellectually and physically.



Figure 1.7: INTJ - Architect

## INTP - Logician

The INTP personality type is fairly rare, only making up 3% of the population. This is lucky for them, as they would hate to be common or similar to so many people. They pride themselves on being inventive, creative, their unique perspective and vigorous intellect. Throughout history, INTPs have been responsible for many scientific discoveries.

### Strengths and Weaknesses

A key **strength** of INTPs is:

- **Great Analysts and Abstract Thinkers**

–INTPs view the world as if it were a big, complex machine and recognise that as with any machine, all parts are interrelated. They excel at analysing these connections, seeing how seemingly unrelated factors tie in with each other in ways

that bewilder most other personality types.

A key **weakness** of INTPs is:

●**Insensitive**

–INTPs sometimes get so flustered when they are shoulders deep in their logic that they forget any kind of emotional consideration. Purely emotional situations are often utterly puzzling to INTPs and their lack of timely sympathy can easily offend people.

## Careers

They are self-driven and have very high personal standards, "good enough" is never enough. INTPs don't thrive in workplaces that require them to provide a high degree of emotional satisfaction. Possible job opportunities are mathematician, system & data analysts, career scientists, mechanical, electrical & software engineers.

## Relationships

They take their relationships seriously. It's a challenge for them in getting to know new people. They prove themselves repeatedly to be surprisingly loyal. The necessity to not need much attention when it comes to a relationship, be it gifts, surprises, plans, date nights, they are all unimportant to them. They are also notoriously bad at picking up on others' emotional needs.



**Figure 1.8:** INTP - Logician

# ENTJ - Commander

ENTJs are natural-born leaders. These people embody the gifts of charisma and confidence and project authority in a way that draws crowds together behind a common goal. There's nothing they like more than a good challenge, be it big or small, they're always up for the tasks. They firmly believe that given enough time and resources, they can achieve any goal.

## Strengths and Weaknesses

A key **strength** of ENTJs is:

### ●Self-Confident

–ENTJs couldn't do this if they were plagued by self-doubt they trust their abilities, make known their opinions and believe in their capacities as leaders.

A key **weakness** of ENTJs is:

### ●Stubborn and Dominant

–Sometimes all this confidence and willpower can go too far, and ENTJs are all too capable of digging in their heels, trying to win every single debate and pushing their vision, and theirs alone.

## Careers

ENTJ's boldness and drive make them best suited for being a well-respected leader or an organisation or team, no other personality type enjoys this as much as they do. They don't hold back when it comes to their leadership role. If they see someone who isn't putting in the work or is slacking off, they'll be heavy-handed with their approach. They make excellent corporate strategists, lawyers, judges, project & program managers, CEOs, university professors and engineers of all dis-

ciplines.

## Relationships

Just like their job life, they also take the lead in their relationship life as well. Using their enthusiasm and impressive energy to "woo" their partner. Their eyes are always on long term, if they feel like dead end is in sight then they'll cut their loses early. Sensing others' feelings and emotions will never be a strong skill for ENTJs, they try their best but in some cases, their level of observation can end up faulting them.

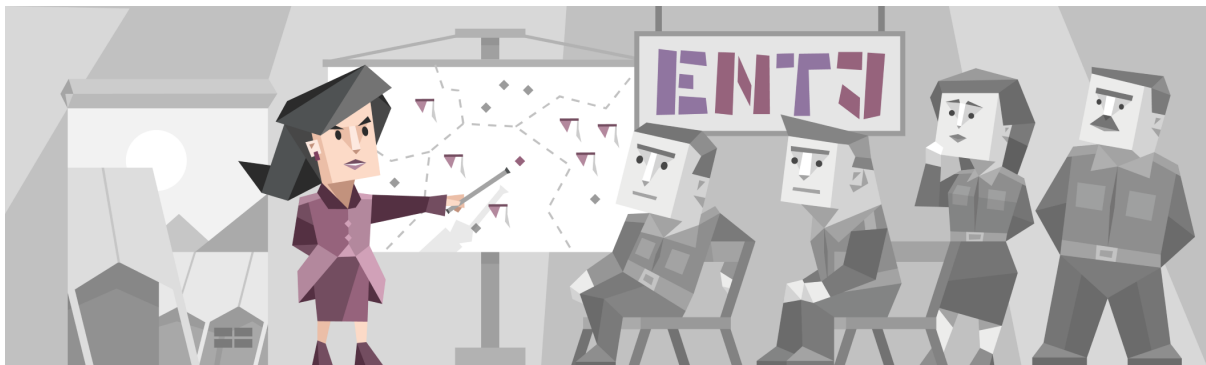


Figure 1.9: ENTJ - Commander

## ENTP - Debater

This personality type is the ultimate devil's advocate, thriving on the process of shredding arguments and beliefs and letting the ribbons drift in the wind for all to see. No loves the process of mental sparring more than ENTPs, as it gives them a chance to exercise their effortlessly quick wit, broad accumulated knowledge base and capacity for connecting disparate ideas to prove their points.

## Strengths and Weaknesses

A key **strength** of ENTPs is:

### ●Excellent Brainstormers

–They love nothing more than a good intellectual challenge. They attack the problem from every angle to find the best solutions. Combining their knowledge and originality to spray out every aspect of the subject. Throwing words at the wall and seeing what sticks is an alternative process. ENTPs are truly irreplaceable at brainstorming sessions.

A key **weakness** of ENTPs is:

### ●Very Argumentative

–ENTPs love a mental exercise, debating their ideas or just challenging people about their ideas. A lot of the time this can be just too much for people, and this eagerness to challenge someone puts them in a bad shade of light.

## Careers

They focus on developing solutions to interesting and diverse technical and intellectual problems. Flexing their mental muscles again is a huge personality trait but really defines who they are. Possible job opportunities are entrepreneurship, engineering, acting, photography, psychologists, system analysts and scientists.

## Relationships

ENTPs test their partner's limits for this kind of potential, pushing boundaries and traditions, looking for open-mindedness and spontaneity. Dating ENTP personalities is difficult, along with a boring experience due to their creativity and enthusiasm. ENTP's relationships can be very full on and may cause their partner to be worn down. Tiring for their partner but worth it in the end.

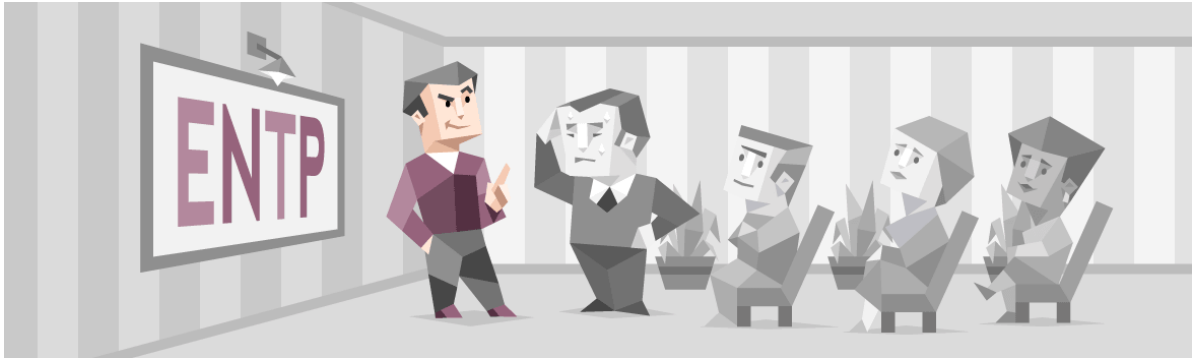


Figure 1.10: ENTP - Debater

## INFJ - Advocate

INFJs are not idle dreamers, but people capable of taking concrete steps to realise their goals and make a lasting positive impact. INFJs indeed share a unique combination of traits: though soft-spoken, they have very strong opinions and will fight tirelessly for an idea they believe in. They are decisive and strong-willed, but will rarely use that energy for personal gain.

### Strengths and Weaknesses

A key **strength** of INFJs is:

- **Decisive**

– Their creativity, insight and inspiration are able to have a real impact on the world, as INFJs are able to follow through on their ideas with conviction, willpower, and the planning necessary to see complex projects through to the end. INFJs don't just see the way things ought to be, they act on those insights.

A key **weakness** of INFJs is:

- **Perfectionistic**

– INFJs are all but defined by their pursuit of ideals. While this is a wonderful quality in many ways, an ideal situation is not always possible. INFJs too often



drop or ignore healthy and productive situations and relationships, always believing there might be a better option down the road.

## Careers

Many INFJs struggle to begin a career early on because they see ten wildly different paths forward and want to explore each, but this is just not reasonable. They feel that they need to find meaning in their work, to know that they are helping and connecting with people. Their desire to help and connect makes careers in health care, counsellors, psychologists, doctors, life coaches and spiritual guides very attractive.

## Relationships

INFJs take their relationships seriously. Once they find someone their level of depth and sincerity will reach new heights. They are often perfectionistic and picky, they want the perfect person. They aren't easy to get talked into doing something they don't want to. Poor tolerance for manipulation and lying in a relationship is a key determining factor of them.



**Figure 1.11:** INFJ - Advocate

# INFP - Mediator

INFPs are true idealists, always looking for the hint of good in even the worst of people and events. They are calm, reserved and shy, but their inner flame and passion truly shines. INFPs communicate deeply with others, easily speaking in metaphors and parables, and understand and create symbols to help share their ideas.

## Strengths and Weaknesses

A key **strength** of INFPs is:

### ●Open-Minded and Flexible

–A live-and-let-live attitude comes naturally to INFPs, and they dislike being constrained by rules. INFPs give the benefit of the doubt too, and so long as their principles and ideas are not being challenged, they'll support others right to do what they think is right.

A key **weakness** of INFPs is:

### ●Taking Things Personally

–INFPs often take challenges and criticisms personally, rather than as an inspiration to reassess their positions. Avoiding conflict as much as possible, INFPs will put a great deal of time and energy into trying to align their principles and the criticisms into a middle ground that satisfies everybody.

## Careers

INFPs have a gift for language and written expression, they take rough translations and stale pitches and inject them with a sense of beauty and poetry. Some INFPs will prefer a still more personal touch, being able to work face-to-face with clients, seeing that their personal effort really impacts another's quality of life. Careers such

as massage therapy, physical rehabilitation, counselling, social work, psychology and even academic roles.

## **Relationships**

They are dreamy idealists, in pursuit of the perfect relationship. This quality is embraced the strongest. INFPs share a sincere belief in the idea of relationships, that two people can come together and make each other better and happier than they were alone. They will go to great lengths to show their support and affection in order to make a relationship a reality.



**Figure 1.12:** INFP - Mediator

## **ENFJ - Protagonist**

ENFJs are natural-born leaders, full of passion and charisma. They typically are politicians, coaches, teachers, always reaching out to try and inspire others to achieve their goals. They take pride and joy in guiding others to work together and to improve themselves and others around them. ENFJs are genuine, caring people who talk the talk and walk the walk, and nothing makes them happier than leading the charge, uniting and motivating their team with infectious enthusiasm.

## **Strengths and Weaknesses**

A key **strength** of ENFJs is:

### **•Tolerant**

–ENFJs are true team players, and they recognise that that means listening to other peoples opinions, even when they contradict their own. They admit they don't have all the answers and are often receptive to dissent, so long as it remains constructive.

A key **weakness** of ENFJs is:

### **•Too Selfless**

–ENFJs can bury themselves in their hopeful promises, feeling others problems as their own and striving hard to meet their word. If they aren't careful, they can spread themselves too thin, and be left unable to help anyone.

## **Careers**

ENFJs take a genuine interest in other people, approaching them with warm sociability and a helpful earnestness that rarely goes unnoticed. Altruistic careers like social and religious work, teaching, counselling, and advising of all sorts are popular avenues, giving people with the ENFJ personality type a chance to help others learn, grow and become more independent.

## **Relationships**

ENFJs feel most at home when they are in a relationship, only a few types are more eager to establish a loving commitment with their chosen partners. When in the dating phase of a relationship, ENFJs are ready to show their commitment by taking the time and effort to establish themselves as dependable, trustworthy partners. ENFJs don't need much to be happy, just to know that their partner is

happy, and for their partner to express that happiness through visible affection.

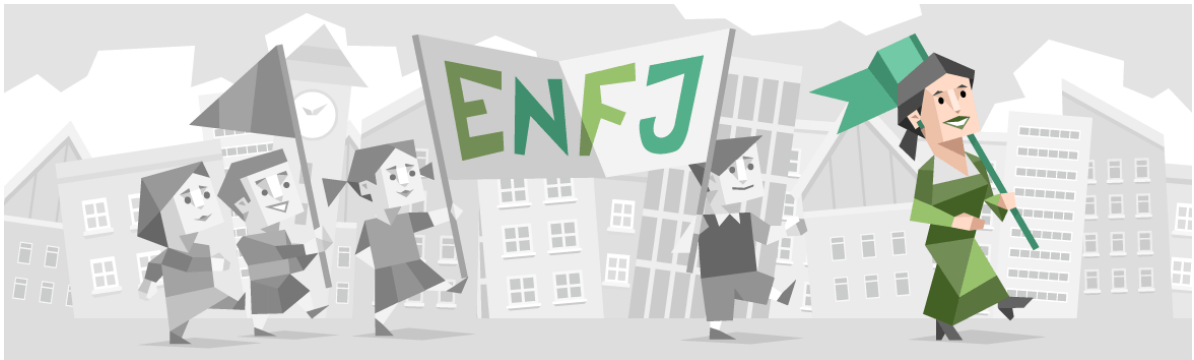


Figure 1.13: ENFJ - Protagonist

## ENFP - Campaigner

These people are true free spirits. They often are the life of the party, but unlike Explorers, they are less interested in the sheer excitement and pleasure of the moment that they are in enjoying the social and emotional connections they make with others. ENFPs are charming, independent, energetic and compassionate people.

### Strengths and Weaknesses

A key **strength** of ENFPs is:

#### ●Excellent Communicators

–It's a good thing that ENFPs have such strong people skills or they'd never express these ideas. ENFPs enjoy both small talk and deep, meaningful conversations, which are just two sides of the same coin for them, and are adept at steering conversations towards their desired subjects in ways that feel completely natural and unforced.

A key **weakness** of ENFPs is:

#### ●Over-think Things

–ENFPs don't take things at face value, they look for underlying motives in

even the simplest things. It's not uncommon for ENFPs to lose a bit of sleep asking themselves why someone did what they did, what it might mean, and what to do about it.

## Careers

ENFPs are fascinated by new ideas, both in terms of developments in fields they are already familiar with, and when new subjects come along. If there's a challenge ENFPs face when selecting a career, it isn't that they lack talent or options or drive, it's that there are so many things out there that are just *cool*.

## Relationships

ENFPs have the advantage of irresistible charm when it comes to attracting a partner, ENFPs warmth, excitement and passion are simply alluring. After the dating phase, they show qualities that shower their new flames with affection and will do everything they can to build a strong relationship by demonstrating their devotion and reliability by whatever means available.



Figure 1.14: ENFP - Campaigner

# ISTJ - Logistician

Their defining characteristics of integrity, practical logic and tireless dedication to duty make ISTJs a vital core to many families, as well as organisations that uphold traditions, rules and standards, such as law offices, regulatory bodies and military. ISTJs enjoy taking responsibility for their actions, and take pride in the work they do when working towards a goal, ISTJs hold back none of their time and energy completing each relevant task with accuracy and patience.

## Strengths and Weaknesses

A key **strength** of ISTJs is:

### ●Very Responsible

–ISTJs word is a promise, and a promise means everything. ISTJs would rather run themselves into the ground with extra days and lost sleep than fail to deliver the results they said they would. Loyalty is a strong sentiment for ISTJs, and they fulfil their duties to the people and organisations they've committed themselves to.

A key **weakness** of ISTJs is:

### ●Always by the Book

–ISTJs believe that things work best with clearly defined rules, but this makes them reluctant to bend those rules or try new things, even when the downside is minimal. Truly unstructured environments leave ISTJs all but paralysed.

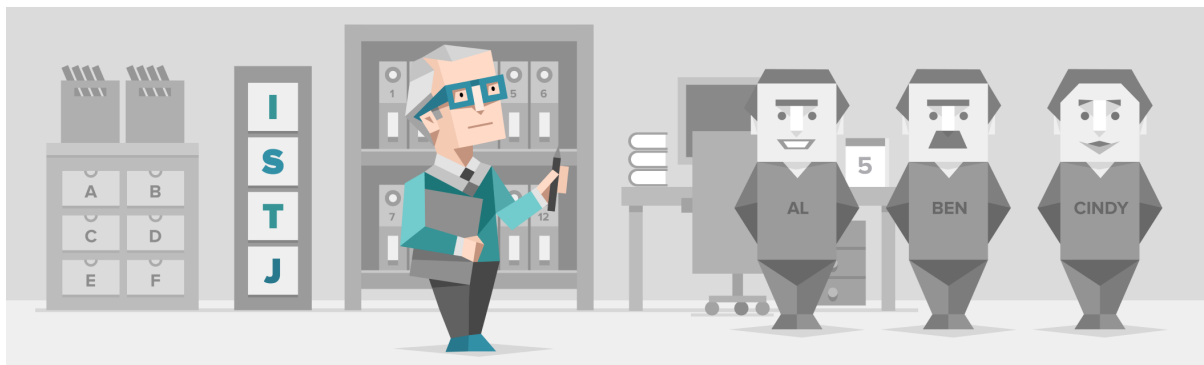
## Careers

While many personality types may be comfortable with flexible work as consultants and sole proprietors, ISTJs are much more focused on building long-term,

stable careers. Careers as military officers, lawyers, judges, police officers and detectives are all very popular among ISTJs. This makes sense, as they not only offer the stability that ISTJs seek, but are in line with their principles and conservatism, establishing clear societal roles.

## Relationships

ISTJs are dependable through and through, and this trait is clearly expressed when it comes to their romantic relationships. Often representing the epitome of family values, people with the ISTJ personality type are comfortable with, and often even encourage traditional household and gender roles, and look to a family structure guided by clear expectations and honesty.



**Figure 1.15:** ISTJ - Logistician

## ISFJ - Defender

The ISFJ personality type is quite unique, as many of their qualities defy the definition of their individual traits. Though possessing the Feeling (F) trait, ISFJs have excellent analytical abilities; though Introverted (I), they have well-developed people skills and robust social relationships; and though they are a Judging (J) type, ISFJs are often receptive to change and new ideas. As with so many things, people with the ISFJ personality type are more than the sum of their parts, and it is the way



they use these strengths that define who they are.

## **Strengths and Weaknesses**

A key **strength** of ISFJs is:

### **•Supportive**

–ISFJs are the universal helpers, sharing their knowledge, experience, time and energy with anyone who needs it, and all the more so with friends and family. People with this personality type strive for win-win situations, choosing empathy over judgement whenever possible.

A key **weakness** of ISFJs is:

### **•Repress Their Feelings**

–People with the ISFJ personality type are private and very sensitive, internalising their feelings a great deal. Much in the way that ISFJs protect others feelings, they must protect their own, and this lack of healthy emotional expression can lead to a lot of stress and frustration.

## **Careers**

ISFJs are the backbone of the modern workforce. No other personality type is so well-suited to be of service of others. ISFJs aren't just good at supporting people, they genuinely enjoy it, as it gives them the chance to see things through to the end, and to be thanked, appreciated for it all.

## **Relationships**

ISFJs kindness grows into a joy that is only found in taking care of their family and home. Their trouble is with establishing long-term relationships, and ISFJs unbearable shyness means it can take a long time to reach this point. ISFJs are most

attractive when they are simply being themselves. They take dating seriously and only enter into relationships that have a real chance of lasting a lifetime.



Figure 1.16: ISFJ - Defender

## ESTJ - Executive

ESTJs are representatives of tradition and order, utilising their understanding of what is right, wrong and socially acceptable to bring families and communities together. ESTJs don't work alone, and they expect their reliability and work ethic to be reciprocated, people with this personality type meet their promises, and if partners or subordinates jeopardise them through incompetence or laziness, or worse still, dishonesty, they do not hesitate to show their wrath.

### Strengths and Weaknesses

A key **strength** of ESTJs is:

- **Loyal, Patient and Reliable**

–ESTJs work to exemplify truthfulness and reliability, considering stability and security very important. When ESTJs say they'll do something, they do it, making them very responsible members of their families, companies and communities.

A key **weakness** of ESTJs is:

## •Judgemental

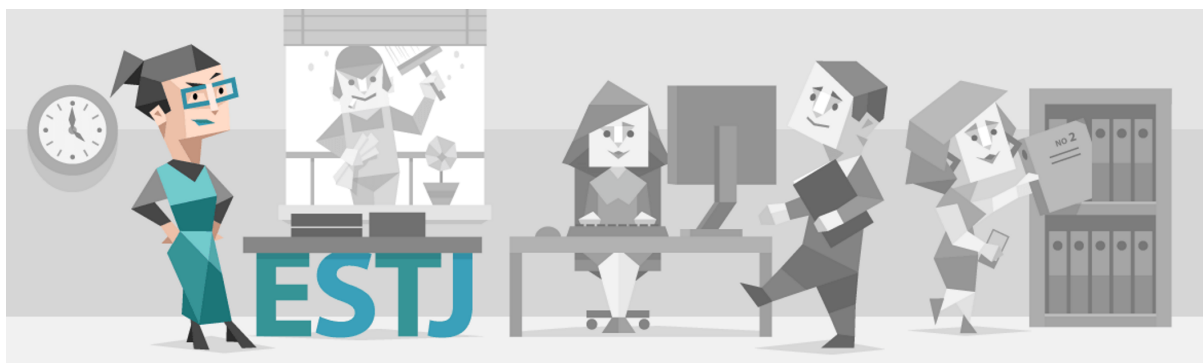
–ESTJs have strong convictions about what is right, wrong, and socially acceptable. ESTJs compulsion to create order often extends to all things and everyone, ignoring the possibility that there are two right ways to get things done. ESTJs do not hesitate to let these "deviants" know what they think.

## Careers

ESTJs career paths are often as clear and straightforward as they are themselves. Though there are many directions they can choose to go, ESTJs almost always end up in situations where they have the opportunity to exercise their affinity for organisation, structure, and follow-through. Law enforcement, military service, hospitals and prominent legal firms are all able to recognise ESTJs long years of service.

## Relationships

ESTJs are fairly unique in that their relationships don't really change as they progress from the dating to long-term to marriage. This is because they value honesty and straightforwardness so highly, people with the ESTJ personality type are likely to be clear about who they are, what they're like and what their goals are from the start. If their partner will take their word and believe them, they are bound to be in an extremely stable relationship.



**Figure 1.17:** ESTJ - Executive

# ESFJ - Consul

ESFJs are typically the '*popular*' people, this makes sense as it is one of the most common types. In school, ESFJs are the cheerleaders and the quarterbacks, setting the tone, taking the spotlight and leading their teams forward to victory and fame. Later in life, ESFJs continue to enjoy supporting their friends and loved ones, organising social gatherings and doing their best to make sure everyone is happy.

## Strengths and Weaknesses

A key **strength** of ESFJs is:

### ●Good at Connecting with Others

–These qualities come together to make ESFJs social, comfortable and well-liked. ESFJ personalities have a strong need to "belong and have no problem with small talk or following social cues in order to help them take an active role in their communities.

A key **weakness** of ESFJs is:

### ●Vulnerable to Criticism

–It can be especially challenging to change these tendencies because ESFJs are so conflict-averse. ESFJ personalities can become very defensive and hurt if someone, especially a person close to them, criticises their habits, beliefs or traditions.

## Careers

ESFJs are well-organised, enjoying bringing order and structure to their workplaces, and often work best in environments with clear, predictable hierarchies and tasks. ESFJs best careers all have the additional benefit of providing them with per-

haps their most important requirement: to feel appreciated and know they're helped someone.

## Relationships

ESFJs don't do casual flings, they need to know that their partners will always be by their sides offering unwavering support, and marriage and family are the ultimate goal. ESFJs are warm, loyal people who want to feel trusted and valued. They are great with practical matters like money management and administrative tasks, and are happy to take on such responsibilities in the name of taking care of the people they care about.

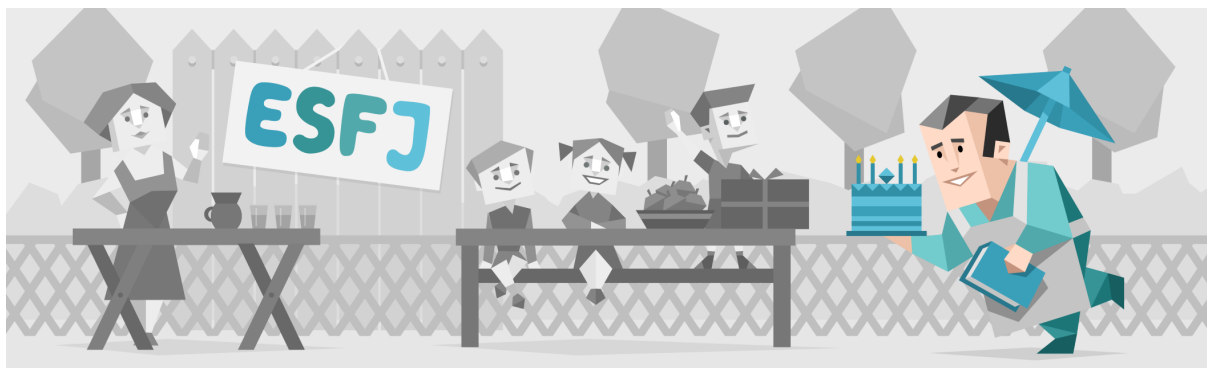


Figure 1.18: ESFJ - Consul

## ISTP - Virtuoso

ISTPs are the hands-on type of person. Exploring the world around them by touching and examining them with cool rationalism and spirited curiosity. People with this personality type are natural Makers, moving from project to project, building the useful and the superfluous for the fun of it, and learning from their environment as they go.

## **Strengths and Weaknesses**

A key **strength** of ISTPs is:

### **•Optimistic and Energetic**

–ISTPs are usually up to their elbows in some project or other. Cheerful and good-natured, people with the ISTP personality type (especially Assertive ones) rarely get stressed out, preferring to go with the flow.

A key **weakness** of ISTPs is:

### **•Stubborn**

–As easily as ISTPs go with the flow, they can also ignore it entirely, and usually move in another direction with little apology or sensitivity. If someone tries to change ISTPs habits, lifestyle or ideas through criticism, they can become quite blunt in their irritation.

## **Careers**

Often being mechanics and engineers, ISTPs find no greater joy than in getting their hands dirty pulling things apart and putting them back together, just a little bit better than they were before. This combination of curiosity and hands-on vigour make people with the ISTP personality type excellent mechanics, engineers, graphic designers, and forensic scientists.

## **Relationships**

When it comes to romantic relationships with ISTPs, it's a bit like nailing jelly to a tree. Dating ISTP personalities is a tango, complex and interesting, with alternating coldness and detachment, and passion, spontaneity and enjoyment of the moment. Nothing can be forced in ISTP relationships, but so long as they are given the space they need to be themselves, they will gladly enjoy the comforts of a steady partner

for a lifetime.

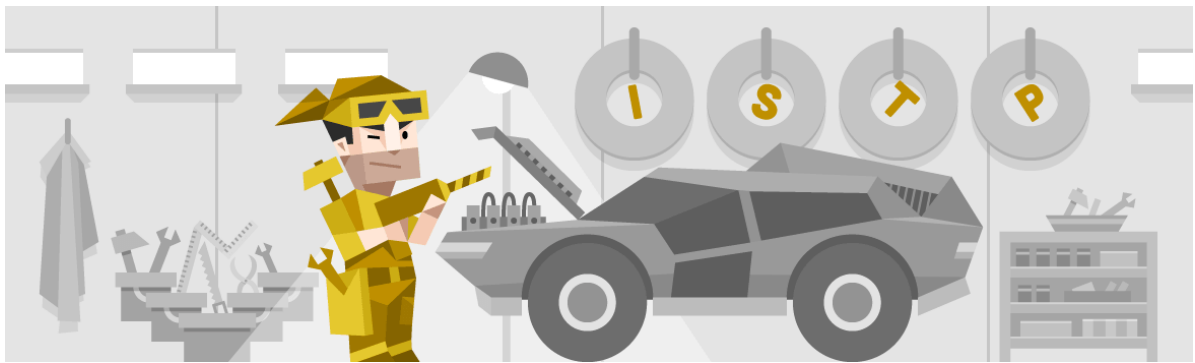


Figure 1.19: ISTP - Virtuoso

## ISFP - Adventurer

ISFPs are true artists, but not necessarily in the typical sense where they're out painting happy little trees. Often enough though, they are perfectly capable of this. Rather, its that they use aesthetics, design and even their choices and actions to push the limits of social convention. ISFPs live to find ways to push their passions. Riskier behaviours like gambling and extreme sports are more common with this personality type than with others.

### Strengths and Weaknesses

A key **strength** of ISFPs is:

#### ●Imaginative

–Being so aware of others emotions, ISFP personalities use creativity and insight to craft bold ideas that speak to peoples hearts. While its hard to explain this quality on a resume, this vivid imagination and exploratory spirit help ISFPs in unexpected ways.

A key **weakness** of ISFPs is:

#### ●Easily Stressed

–ISFPs live in the present, full of emotion. When situations get out of control, people with this personality type (especially Turbulent ones) can shut down, losing their characteristic charm and creativity in favour of gnashing teeth.

## **Careers**

When it comes to the career world, ISFPs need more than just a job. Wealth, power, structure, advancement and security are all lesser goals to ISFP personalities greatest need: creative freedom. Ideal careers may consist of psychology, counselling and teaching, they are also natural artists, musicians, photographers and designers.

## **Relationships**

ISFPs are quite mysterious and difficult to get to know. While very emotional individuals, they guard this sensitive core carefully, preferring to listen than to express. People with the ISFP personality type focus instead on their partners, with little interest in dictating the mood of a situation with their own feelings. While this can sometimes be frustrating, if they are accepted for who they are, ISFPs prove to be warm, enthusiastic partners. Things are unlikely to ever grow stale even the longest-term partners can be surprised by the secrets ISFPs keep.



**Figure 1.20:** ISFP - Adventurer



# ESTP - Entrepreneur

ESTPs always have an impact on their immediate surroundings the best way to spot them at a party is to look for the whirling eddy of people flitting about them as they move from group to group. Laughing and entertaining with a blunt and earthy humour, ESTP personalities love to be the centre of attention. If an audience member is asked to come on stage, ESTPs either volunteer or volunteer a shy friend.

## Strengths and Weaknesses

A key **strength** of ESTPs is:

### ●Rational and Practical

–ESTPs love knowledge and philosophy, but not for their own sake. Whats fun for ESTP personalities is finding ideas that are actionable and drilling into the details so they can put them to use. If a discussion is completely arbitrary, there are better uses for ESTPs time.

A key **weakness** of ESTPs is:

### ●Insensitive

–Feelings and emotions come second to facts and "reality" for ESTPs. Emotionally charged situations are awkward, uncomfortable affairs, and ESTPs blunt honesty doesn't help here. These personalities often have a lot of trouble acknowledging and expressing their own feelings as well.

## Careers

Its hard to imagine ESTPs choosing secure but boring jobs over less stable but more exciting careers. People with the ESTP personality type think on their feet and are great at making quick decisions in the heat of the moment. At the same time,

they're affable people who always seem to make friends and connections wherever they go. Possible job opportunities are freelancers, soldiers, paramedics, police officers and believe it or not, entrepreneurs.

## **Relationships**

When it comes to romantic relationships, people with the ESTP personality type can hardly be said to be pining away for their wedding day. Life is fun and full of surprises (something ESTPs have particular skill in delivering), and they enjoy it all in the here and now. ESTPs may not spend a lot of time planning for "someday", but their enthusiasm and unpredictability make them thrilling dating partners.



**Figure 1.21:** ESTP - Entrepreneur

## **ESFP - Entertainer**

If anyone is to be found spontaneously breaking into song and dance, it is the ESFP personality type. ESFPs get caught up in the excitement of the moment and want everyone else to feel that way, too. No other personality type is as generous with their time and energy as ESFPs when it comes to encouraging others, and no other personality type does it with such irresistible style.

## **Strengths and Weaknesses**

A key **strength** of ESFPs is:

### **●Excellent People Skills**

–More so than things though, ESFPs love to pay attention to people. They are talkative, witty, and almost never run out of things to discuss. For people with this personality type, happiness and satisfaction stem from the time they spend with the people they enjoy being with.

A key **weakness** of ESFPs is:

### **●Easily Bored**

–Without constant excitement, ESFPs find ways to create it themselves. Risky behaviour, self-indulgence, and the pleasures of the moment over long-term plans are all things ESFPs get into a little too often.

## **Careers**

ESFPs genuinely enjoy spending time with others and getting to know them and have a knack for making people happy, even in the most frustrating situations. A good challenge is always appreciated by ESFP personalities, and they make wonderful and inspiring counsellors, social workers, personal coaches. With their ability to respond with resourcefulness and passion when their help is badly needed, ESFPs make brilliant medical professionals, especially as EMTs, paramedics, and nurses.

## **Relationships**

ESFPs are social, fun-loving, free-spirited people who live life in the moment and squeeze every little bit of excitement from everything. Naturally, they don't spare any of this freshness and energy when dating. For people with the ESFP personality type, relationships aren't about slowly building foundations for the future or planning out

living, they are bubbly, unpredictable things to be enjoyed for as long as there's enjoyment to be had.

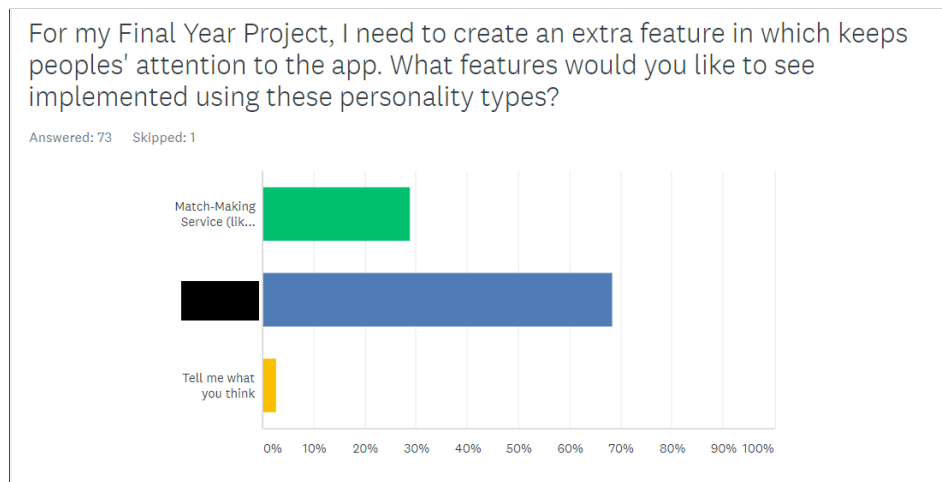


**Figure 1.22:** ESFP - Entertainer

### **1.3 Personality Test Survey - [www.surveymonkey.com](http://www.surveymonkey.com)**

Back in late-October when the topic of my Final Year Project was received, a survey was constructed asking whether or not people had heard of or taken the personality test. This was as recommended to me by my academic supervisor. The main task of the project was to find out what the people wanted, and that's what the survey was all about. Gaining peoples' insight into the problems of the personality test and why people don't use it once they've received their letters.

The logical solution is that people just aren't that interested in the personality test. 74 people participated in the survey and half of the people hadn't taken the test before. Only 65% of the people had heard of the test, which is a surprisingly low number of people. The big question at hand is what feature can be introduced to the already effective and efficient Myers-Briggs Personality Test. The solution behind the black box in Figure 1.23 will be discussed in due time.



**Figure 1.23:** Personality Survey

The survey revealed so much, initially having set eyes on the option of creating a dating app, like tinder, but using the personality types as the algorithm for matching people together. The discussion of this was said to multiple people, and the thought process had been initialised. A looming thought kept overhead, making sure this is what the people want. As you can see by Figure 1.23 this was not the case. The opinions of the public were clear.

## Chapter 2

# Technical Review - Past to Present

### 2.1 Technologies of the Past

Before being able to talk about the amazement that is the personality test itself, you first have to enjoy the aesthetics of the web page. [www.16personalities.com](http://www.16personalities.com) truly has the best web page, be it design, user-friendliness, or downright just well laid out. You have to give credit where credit is due.



**Figure 2.1:** [www.16personalities.com](http://www.16personalities.com) logo

To talk about the design of the logo (Figure 2.1) alone is just impressive. 4 inner circles these represent both, the variance in letters, Favourite World, Information, Decisions and Structure, as well as the 4 categories that the personality types go into, Analysts, Diplomats, Sentinels and Explorers, colour coded as is in their descriptions of the personalities themselves. These circles are then surrounded by 16 circles with each group of 4 circles colour coded again to represent the personalities in each group. Expertly designed logo, along with the whole website. Everything is where it's meant to be. Nothing is difficult to find. The bootstrapping is accom-

plished perfectly.

You may ask yourself, why try and reinvent the wheel, well the [www.myersbriggs.org](http://www.myersbriggs.org) website isn't to a satisfactory level. Yes, it's got far more insightful knowledge, but at the same time it's not fun, it can be hard to navigate and find all the information. This is the reason for my revamped website. It takes the knowledge from [www.myersbriggs.org](http://www.myersbriggs.org) and constructs a more upbeat modern web page in which to represent its decades upon decades long research.

## **2.2 Other Possible Solutions**

One possibility that was considered was creating the project through Python. There were discussions between a friend, who is adept at doing this as his work placement was based all on creating web applications through Python. After much deliberation, the conclusion on making a standard web page in which prior experience for constructing a website was made. The considerations that went into possibly picking up Python for this project were:

- It's easy to learn.
- Hard to go wrong with it.
- Versatile.
- Flexible.

What Python doesn't have over PHP is familiarity. Having used PHP before in various different assignments, it allows for an easier re-learning curve. Which is always a plus when compared to a new technology.

## 2.3 Methodologies of the Present

With the help of [www.w3schools.com](http://www.w3schools.com), it helped construct the website in which the demonstration of my solution can be presented. Bootstrap is a superb add-on which allows web pages to be reshaped for the different sizes of computer, tablets and phones screens.

Figure 2.2 contains the algorithm in with the quiz uses to calculate the letters for the personality test. Following the strict position for each question and its corresponding answer, the quiz takes shape. How the algorithm works is through JavaScript. The code is written into a function, where it locates the selected radio boxes and checks whether or not the value inside the radio box matches the value it is looking for. This function then adds specific values to a total for each letter.

| M.B.T.I SCORING SHEET  |   |              |   |              |   |              |   |              |   |              |   |              |   |              |   |
|--|---|--------------|---|--------------|---|--------------|---|--------------|---|--------------|---|--------------|---|--------------|---|
| DIRECTIONS<br>CORRESPONDING TO YOUR CHOICE FOR EACH QUESTION, THERE ARE SOME POINTS GIVEN LOCATE THE COMBINATION OF QUESTIONS & CHOICE AND CIRCLE THE POINTS IN FRONT OF IT. FINALLY TOTAL UP ALL THE CIRCLED NUMBER POINTS IN EACH OF THE CATEGORIES. |   |              |   |              |   |              |   |              |   |              |   |              |   |              |   |
| E  |   | I            |   | S            |   | N            |   | T            |   | F            |   | J            |   | P            |   |
| Q & C  | P | Q & C        | P | Q & C        | P | Q & C        | P | Q & C        | P | Q & C        | P | Q & C        | P | Q & C        | P |
| 3A   | 2 | 3B           | 2 | 2A           | 2 | 2B           | 2 | 4B           | 2 | 4A           | 1 | 1A           | 2 | 1B           | 2 |
| 6A   | 2 | 6B           | 1 | 5B           | 1 | 5A           | 1 | 14B          | 2 | 14A          | 1 | 7A           | 1 | 7B           | 1 |
| 9A   | 2 | 9B           | 1 | 10A          | 1 | 10B          | 2 | 22B          | 2 | 22A          | 2 |              |   | 7C           | 1 |
| 13A  | 1 | 13B          | 2 | 12A          | 1 | 12B          | 2 | 30A          | 2 | 30B          | 1 | 8A           | 1 | 8B           | 2 |
| 16A  | 2 | 16B          | 2 | 15B          | 1 | 15A          | 0 | 32A          | 1 | 32B          | 1 | 11A          | 2 | 11B          | 1 |
| 21A  | 2 | 21B          | 2 | 20A          | 2 | 20B          | 2 | 33B          | 2 | 33A          | 0 | 17A          | 2 | 17B          | 2 |
| 24A  | 1 | 24B          | 1 | 23B          | 2 | 23A          | 1 | 37A          | 1 | 37B          | 2 | 18A          | 1 | 18B          | 1 |
| 26A  | 1 | 26B          | 0 | 28A          | 2 | 28B          | 1 | 39A          | 1 | 39B          | 1 | 19A          | 1 | 19B          | 1 |
| 29B  | 2 | 29A          | 2 | 31B          | 2 | 31A          | 0 | 40B          | 2 | 40A          | 1 | 25A          | 1 | 25B          | 1 |
| 36B  | 2 | 36A          | 1 | 35A          | 2 | 35B          | 1 | 44A          | 1 | 44B          | 2 | 25C          | 0 |              |   |
| 43B  | 1 | 43A          | 1 | 38B          | 2 | 38A          | 0 | 46A          | 2 | 46B          | 0 | 27A          | 2 | 27B          | 2 |
|  |   |              |   | 42A          | 1 | 42B          | 2 | 47B          | 2 | 47A          | 1 | 34A          | 2 | 34B          | 2 |
|  |   |              |   | 45B          | 2 | 45A          | 0 | 49A          | 2 | 49B          | 1 | 41A          | 2 | 41B          | 2 |
|  |   |              |   | 48A          | 1 | 48B          | 1 | 50A          | 2 | 50B          | 0 |              |   |              |   |
| TOTAL POINTS   |   | TOTAL POINTS |   | TOTAL POINTS |   | TOTAL POINTS |   | TOTAL POINTS |   | TOTAL POINTS |   | TOTAL POINTS |   | TOTAL POINTS |   |

**LEGEND**      Q & C = QUESTION & CHOICE  
                      P = POINTS

MY PERSONALITY TYPE IS =>      E/I      S/N      T/F      J/P

(WRITE THAT LETTER OF EACH PAIR IN THE BOX HAVING POINTS)

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

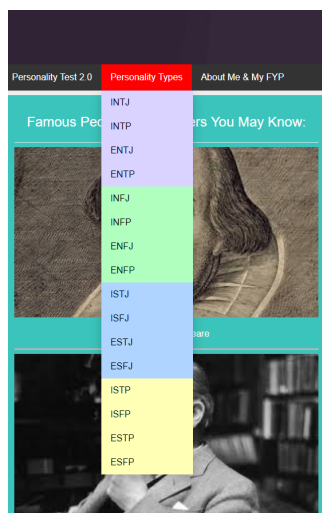
Figure 2.2: MBTI Scoring Sheet



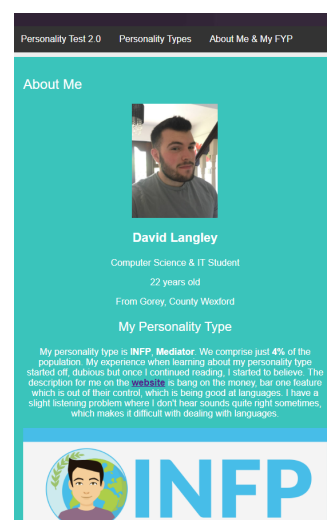
## Chapter 3

# Implementation

Now it's time for the how do's of the project. Credit where credit is due, this project wouldn't have been built to such a level if it weren't for w3schools. This is a website where you learn how to construct a website. Working examples and demos allow for a user to have the full experience with all the benefits. Over the last 6 months this website went above and beyond in the building of this web page. You learn skills and tricks, for example how to break down a web page such that you have a side column and then a main body. How to create drop-down navbars (Figure 3.1) and how to create forms. There's plenty of cool tooltips in here that can make even the most basic of websites look amazing.



**Figure 3.1:** Sleekoduck's Algorithm



**Figure 3.2:** Self Description

When thinking about how to construct this website, one thing was evident, make it all about the personalities, and that's what happened. A slide show was encased within the top of the pages. Going through each personality type and their various names that are given to the across multiple different websites. For these pictures, credit goes towards, **www.personalitytypes.xyz**. When assembling this site, a difficulty arose when formatting the slide show. Initially, the slide show was too big too fit, so it got scaled down to size, but now there's white filler surrounding the pictures. It didn't look nice. To fix this white border, Paint was necessary! One of the pictures were imported into Paint where the outer colour of purple was acquired by using the colour picker. This gave the RGB values required to add in a background of this colour so it would blend into the pictures of the slide show in order to make the header complete.(Figure 3.3)



**Figure 3.3:** Slide Show - INFP Picture

Coming up with how the layout of the website was to look was tricky. Out of all the possible ideas, what should be the one to go with. There's no better way than going with the basic but enhanced version. There's a reason simplicity rules all, because it works. Having your standard side column with various details allow for the main column to be brimming with all the fascinating and intriguing information.

Within the 'About Me & My FYP' page there was a section dedicated to a description about me (Figure 3.2). Talking about general information but also information about my own personality type. Then comes along the descriptions on what is a personality type, what do each letter stand for and what collectively do each pairing of letters mean. The [www.myersbriggs.org](http://www.myersbriggs.org) page truly explains this perfectly. Talking about each pairing of the letter in such detail where it can be understood by most ages. 'Favourite World' is what the first two letters stand for, I and E. This talks about the type of world you live in be it quiet (*I*) or loud (*E*). The pairing of letters, S and N, represent how you taking in 'information', either by paying attention to the physical reality through the senses (*S*) or having a necessity for further information (*N*). The next two letters, F and T, have a very straight forward meaning, do you think with your heart (*F*) about 'decisions' or your brain (*T*). Lastly, you have how you 'structure' your life, do you make plans and lists (*J*), or do you just go with the flow and see what happens next (*P*). These are all basic descriptions of which was discussed earlier within the literature review.

### Individual Personality Types and Their Categories

#### Analysts:

"Architect" – INTJ – Imaginative and strategic thinkers, with a plan for everything

"Logician" – ENTP – Innovative inventors with an unquenchable thirst for knowledge

"Commander" – ENTJ – Bold, imaginative and strong-willed leaders, always finding a way – or making one.

"Debater" – ENTP – Smart and curious thinkers who cannot resist an intellectual challenge.

#### Diplomats:

"Advocate" – INFJ – Quiet and mystical, yet very inspiring and tireless idealists.

"Mediator" – INFP – Poetic, kind, altruistic people, always eager to help a good cause.

"Protagonist" – ENFJ – Charismatic and inspiring leaders, able to mesmerize their listeners.

"Campaigner" – ENFP – Enthusiastic, creative and sociable free spirits, who can always find a reason to smile.

#### Sentinels:

"Logistician" – ISTJ – Practical and fact-minded individuals, whose reliability cannot be doubted.

"Defender" – ISFJ – Very dedicated and warm protectors, always ready to defend their loved ones.

"Executive" – ESTJ – Excellent administrators, unsurpassed at managing things – or people.

"Consul" – ESFJ – Extraordinarily caring, social and popular people, always eager to help.

#### Explorers:

"Virtuoso" – ISTP – bold and practical experimenters, masters of all kinds of tools.

"Adventurer" – ISFP – flexible and charming artists, always ready to explore and experience something new.

"Entrepreneur" – ESTP – Smart, energetic and very perceptive people, who truly enjoy living on the edge.

"Entertainer" – ESFP – Spontaneous, energetic and enthusiastic people – life is never boring around them.

**Figure 3.4:** Four Categories of Personality Types

Now it's time to talk about the individual personality types. These pages consist of roughly 6 strengths and weaknesses and summary about career paths and relationships. This was all presented within the main section of the web page, keeping the same structure as talked about before. Within the side column are some of the celebrities and fictional characters who share the same personality type as you. There are 8 celebrities ranging from the dead to still alive and 6 characters from various movies and television programmes. These sections were the most tedious but most satisfying part about the whole experience. Reading through pages and pages of personality type descriptions from **www.16personalities.com**. Learning about each personality type individually and expressing interest in each one.



Figure 3.5: The Top of Each Personality Description Page

The algorithm for which this whole decision process is based was exhausting. Several designs were trailed in the completion of this process, but only one could stand above the rest and reign supreme. The design that was eventually chosen, came from a PDF (which is in Figure 3.7) sent to <https://psychobabble4u.wordpress.com> by user *sleekoduck* . This quiz is short enough to not take up too much time but also long enough to make sure the results have enough backing behind them. The quiz uses a 'choose this or that' style of answering which is solely dependant on the question at hand.

Personality Test 2.0

Part 1. Which answer comes closer to telling how you usually feel or act?

1. When you go somewhere for the day,would you rather:

Plan what you will do and when

Just go for it

2. If you were a teacher, would you rather teach:

Fact courses

Courses involving theory

3. Are you usually:

A 'Good Mixer'

Rather quiet and reserved

Figure 3.6: Example of Questions for Quiz

M.B.T.I SCORING SHEET

DIRECTIONS

CORRESPONDING TO YOUR CHOICE FOR EACH QUESTION, THERE ARE SOME POINTS GIVEN LOCATE THE COMBINATIONS OF QUESTIONS & CHOICE AND CIRCLE THE POINTS IN FRONT OF IT. FINALLY TOTAL UP ALL THE CIRCLED NUMBER POINTS IN EACH OF THE CATEGORIES.

| E     | I      | S     | N      | T     | F      | J     | P      |
|-------|--------|-------|--------|-------|--------|-------|--------|
| Q & C | P      | Q & C | P      | Q & C | P      | Q & C | P      |
| 3A    | 2      | 3B    | 2      | 2A    | 2      | 2B    | 2      |
| 4A    | 2      | 4B    | 2      | 1A    | 2      | 1B    | 2      |
| 5A    | 2      | 5B    | 2      | 10A   | 2      | 10B   | 2      |
| 13A   | 1      | 13B   | 2      | 12A   | 1      | 12B   | 2      |
| 16A   | 2      | 16B   | 2      | 15A   | 0      | 15B   | 1      |
| 21A   | 2      | 21B   | 2      | 20A   | 2      | 20B   | 2      |
| 24A   | 1      | 24B   | 1      | 23A   | 1      | 23B   | 1      |
| 26A   | 1      | 26B   | 0      | 28A   | 2      | 28B   | 1      |
| 29B   | 2      | 29A   | 2      | 31B   | 2      | 31A   | 0      |
| 36B   | 2      | 36A   | 1      | 35A   | 2      | 35B   | 1      |
| 43B   | 1      | 43A   | 1      | 38B   | 2      | 38A   | 0      |
|       |        |       |        | 42A   | 1      | 42B   | 2      |
|       |        |       |        | 45B   | 2      | 45A   | 0      |
|       |        |       |        | 48A   | 1      | 48B   | 1      |
| TOTAL | POINTS | TOTAL | POINTS | TOTAL | POINTS | TOTAL | POINTS |

LEGEND

Q & C = QUESTION & CHOICE

P = POINTS

MY PERSONALITY TYPE IS =>

(WRITE THAT LETTER OF EACH PAIR IN THE BOX HAVING POINTS)

E/I

S/N

T/F

J/P

Figure 3.7: Sleekoduck's Algorithm

From Figure 3.6, you can see the example of the quiz clearly. It holds one question followed by at least 2 possible answers. These selectable boxes are styled as

such to truly make evident which you are selecting, by making the box green and adding in an extra feature in the tick. This styling was inspired by Rosa from <https://freefrontend.com/css-radio-buttons/>. This has a redesigned interior but follows her external design which best suits the quiz.

47. ☐ Feeling ☒ Thinking

48. ☒ Literal ☐ Figurative

49. ☐ Foresight ☒ Compassion

50. ☒ Hard ☐ Soft

**Figure 3.8:** Question 50 & the Submission Button

At the bottom of every page there is an addition of a footer which contains the credits for anything used or received inspiration from. This is a contribution that is hoped to signify credit where credit is due. This demonstration of thanks resonates across the website.

**Credits**

The pictures in my slideshow at the top of every page are from <http://www.personalitytypes.xyz>

The information for what each letter means comes from <https://www.myersbriggs.org/my-mbti-personality-type/mbti-basics/>

Information on individual personality types comes from <https://www.16personalities.com/personality-types>

Test comes from a pdf from <https://psychobabble4u.wordpress.com>

Form design idea comes from the checkout form by Rosa from <https://freefrontend.com/css-radio-buttons/> (REDESIGNED)

**Figure 3.9:** Credits

This all wouldn't be complete without access to the website itself. Using the IT account given out by the college, a server and database were acquired to which could be added to the web page for further enhancements. WinSCP allowed for the uploading of the HTML files to the server. Along with PuTTY, an application which runs the server, the web page would typically be running smoothly at this moment.

Due to a small disappointment, the web pages weren't being run on the server. Not knowing why this is, is frustrating. Best thoughts were put forward to press on with the rest of the project and come back to it later, but later sprung up too soon, and this wasn't achieved.

## Chapter 4

# Solution and Results

### 4.1 Solution

What is the solution, what could it be you might ask yourself?

#### Daily Tooltips!

This is what was requested by you, the people. Helpful tips that take the weaknesses of each personality type and improves on them.

**Warning:** A psychologist did not write this paper. These results are based purely off instinct and should be taken with a grain of salt.

These tips take you on a journey through your sensitive side, to take advantage of your weaknesses and make them stronger. Just because you have a weakness doesn't make you weak. It makes you human. Everyone has flaws *"but it's what you do with the gift of life that determines who you are"*. These flaws only make us stronger, you can improve, but never change. No one wants you to change who you are. You are you for a reason. These tooltips will help you improve yourself, but they will never change who you are.



The idea for the daily tooltips is to send them as notifications to the user, through email and to display them on the website with just a click of a button. The tooltips are displayed on a pop-up screen which displays the available tooltips. This is achieved through the powers of JavaScript. For the implementation of this, you would set a certain time during the day in which the code would update the message being output. You would start off with having all the messages you are to send out be an array, this will allow for ease when trying to send these messages in rotation. Pass the current time into an if loop where it increments the array where the messages are being held. This will then pass the value of `message[0+1]` instead of `message[0]` for example. Using this same method you would just pass the same value to an automated email and notification system.

Now it's time to see what the commotion is all about. Let's talk tooltips. Here are some of the many tooltips created, to keep in mind this is only a select few.

- ENTJ tooltip - Towards Arrogance

- INTJs don't always believe you are right the whole time, sometimes aren't. It takes a lot of restraint sometimes, but if you try your best and understand other people's point of views, that's what matters. Give that someone a chance to change your mind, because you never know you may just be proven wrong.

- INTP tooltip - Towards Relationships

- In terms of relationships, don't hold your perfect partner so highly. People are not perfect, so don't let go of someone who may not be the perfect partner but is very close and that's what matters. Understanding you can't

have things the exact way you want it is all about growing up and you need to be lenient towards people, be it your partner or someone else.

- ENTP tooltip - Towards Intolerance

- Just because someone can be annoying at the workplace or at a social event, doesn't mean they should get excluded. Try to be understanding and give them a second chance. Going with the flow and not fighting the current can really help you out in pinches where someone is irritating you and doesn't listen to you or just is ignorant towards you. Being the bigger person will help you grow as a person.

- INFP tooltip - Towards taking things personally

- Sticks and stones may break my bones, but words will never hurt me, this old saying is very wrong. Words hurt and that's the sad truth. It's all about how you take these words that determine how much they'll effect you. Try take these types of words with a pinch of salt, or just ignore them completely because, at the end of the day, no one else knows you better than you, so be you! To leave you with something to remember, The circumstances of one's birth is irrelevant, it's what you do with the gift of life that determines who you are. Work out who said that!

Once again, a friendly reminder to you is that a psychologist didn't write these tooltips, they were made at the discretion of the writer and should be taken on the side of caution.

## **Chapter 5**

### **Conclusion & Future Plans**

#### **5.1 Final Conclusion**

This project wasn't just a test of technical skill but more importantly, problem solving and research. Once the true meaning of this project was discovered, meaningful progress began. The importance of reading through pages and pages of personality descriptions and unearthing the mysteries behind each one. The strengths and weaknesses of the various types allowed for a much more detailed result, allowing for great depth of understanding for which impactful tips and tricks could be passed on to the user. These tips are there to ensure the person reading them understands that there isn't anything wrong with them, but to ensure that they embrace who they are and adapt to various challenges that may come their way. For introverts, presentations may seem daunting, even to extroverts these are hard and they love to be the centre of attention. With these tips, your skills on embracing yourself to the public may be overcome. This means you can freely talk to whomever you want, and feel confident in it. This isn't as easy as turning a switch on but hopefully these tips will ignite the spark to your flame in which you can then enhance your ability in any field. All it takes is a spark and a flame will ignite.

## **5.2 Putting the Results into Context**

After demonstrations of the test towards fellow students, the results of the test were found to be accurate. Tests were completed using the official Myers-Briggs Personality Test and the created test. The results from each were compared and lo and behold the letters for each were the same. It's always nice to see correct results coming from a more simplistic quiz. Sometimes you may think "Oh, it's too few questions to find an accurate result", this may leave you with doubt but because the outcome was as hoped for. You can't ask for much more.

## **5.3 Future Work**

Details, details, details, you can just never get enough of them when it comes to the expansion of this type of website. When comparing this website with the 16personalities.com website, you can see that there's plenty more information that could be discussed within each personality type, be it information about friendships, or how you interact in different work environments. If this project was to be released to the public, there would need to be more eye-catching information present. Having videos of celebrities talking about how they found their personality type and how it's affected them over the years. Imagine having Elon Musk, Michelle Obama or even Arnold Schwarzenegger talk to about how interested they are in their personality types and how you can further yourself on a personal level in becoming a more all-rounded person. This again keys into the 'improving yourself' way of thinking in which is the backbone of this whole project. Using the personality types to help you out in hard times. Being able to relate to people you look up to. You're the voyager of your own destiny. Take the reign and go for gold.

Another idea is adding in inspirational quotes from the people and characters you share a personality type with. Having these sent to you via email or notification through an app would be perfect as it'll allow you to truly interact with the application and feel better about yourself. No one's perfect and to read these quotes may end up influencing your life in a big way if the right ones reach you.

Bringing in a psychologist would be a huge step forward in making this into a business of inspiring and motivating people to keep in touch with themselves. Getting people to understand who they are. Working with people is tough and it's not for everyone, but working to help people out is even harder. You can't force someone to get help but what you can do is fill them with as much positivity and motivation to make them realise that they want to be that person who is always smiling and always joyful. To get someone to want to be helped is difficult but once they are at a stage where they are now looking for help that's when they will start receiving it and start feeling better about themselves.

Before you even have a psychologist on your team you'll want the website to be self-sustaining and that's where having a server will come in to play. Owning your own domain and database will allow for further expansion into the development of the application. Developments in a mobile application which will send notifications directly to your phone instead of emails or text messages would be another look into the expansion of this whole project.

## References

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*"The circumstances of one's birth is irrelevant, it's what you do with the gift of life that determines who you are"*

- Mewtwo, Pokémon The First Movie.

# Appendix

This is a copy of the PDF used for the questions and the algorithm for the personality test. Some of the questions have been altered due to them not making sense.

## **MYERS-BRIGGS TYPE INDICATOR**

By Katharine C. Briggs & Isabel Briggs Myers

### DIRECTIONS

THERE ARE NO "RIGHT" OR "WRONG" ANSWERS TO THE QUESTIONS ON THIS INVENTORY YOUR ANSWERS WILL HELP TO SHOW HOW YOU LIKE TO LOOK AT THINGS AND HOW YOU LIKE TO GO ABOUT DECIDING THINGS. KNOWING YOUR OWN PREFERENCES AND LEARNING ABOUT OTHER PEOPLE'S CAN HELP YOU UNDERSTAND WHETHER YOUR SPECIAL STRENGTHS ARE, WHAT KIND OF WORK YOU MIGHT ENJOY AND BE SUCCESSFUL DOING, AND HOW PEOPLE WITH DIFFERENT PREFERENCES CAN RELATE TO EACH OTHER AND BE VALUABLE TO SOCIETY.

READ EACH QUESTION CAREFULLY AND SELECT ONE OF THE TWO CHOICES GIVEN, WHICH APPLIES TO YOU, BY CIRCLING TO EITHER "A" OR "B".

### **PART1: WHICH ANSWER COMES CLOSER TO TELLING HOW YOU USUALLY FEEL OR ACT?**

1. WHEN YOU GO SOMEWHERE FOR THE DAY, WOULD YOU RATHER
  - A. PLAN WHAT YOU WILL DO AND WHEN, OR
  - B. JUST GO?
2. IF YOU WERE A TEACHER, WOULD YOU RATHER TEACH
  - A. FACT COURSES, OR
  - B. COURSES INVOLVING THEORY?
3. ARE YOU USUALLY
  - A. A "GOOD MIXER", OR
  - B. RATHER QUIET AND RESERVED?
4. DO YOU MORE OFTEN LET
  - A. YOUR HEART RULE YOUR HEAD. OR
  - B. YOUR HEAD RULE YOUR HEART?
5. IN DOING SOMETHING THAT MANY OTHER PEOPLE DO, DOES IT APPEAL TO YOU MORE TO
  - A. INVENT A WAY OF YOUR OWN, OR
  - B. DO IT IN THE ACCEPTED WAY?
6. AMONG YOUR FRIENDS ARE YOU
  - A. FULL OF NEWS ABOUT EVERYBODY, OR
  - B. ONE OF THE LAST TO HEAR WHAT IS GOING ON?
7. DOES THE IDEA OF MAKING A LIST OF WHAT YOU SHOULD GET DONE OVER A WEEKEND
  - A. APPEAL TO YOU, OR
  - B. LEAVE YOU COLD, OR
  - C. POSITIVELY DEPRESS YOU?
8. WHEN YOU HAVE A SPECIALJOB TO DO, DO YOU LIKE TO
  - A. ORGANIZE IT CAREFULLY BEFORE YOU START, OR
  - B. FIND OUT WHAT IS NECESSARY AS YOU GO ALONG?

**Figure 5.1:** Page 1 of the PDF

9. DO YOU TEND TO HAVE
  - A. BROAD FRIENDSHIPS WITH MANY DIFFERENT PEOPLE, OR
  - B. DEEP FRIENDSHIP WITH VERY FEW PEOPLE?
10. DO YOU ADMIRE MORE THE PEOPLE WHO ARE
  - A. CONVENTIONAL ENOUGH NEVER TO MAKE THEMSELVES CONSPICUOUS, OR
  - B. TOO ORIGINAL AND INDIVIDUAL TO CARE WHETHER THEY ARE CONSPICUOUS OR NOT
11. DO YOU PREFER TO
  - A. ARRANGE PICNICS, PARTIES ETC, WELL IN ADVANCE, OR
  - B. BE FREE TO DO WHATEVER TO LOOKS LIKE FUN WHEN THE TIME COMES?
12. DO YOU USUALLY GET ALONG BETTER WITH
  - A. REALISTIC PEOPLE, OR
  - B. IMAGINATIVE PEOPLE?
13. WHEN YOU ARE WITH THE GROUP OF PEOPLE, WOULD YOU USUALLY RATHER
  - A. JOIN IN THE TALK OF THE GROUP OR
  - B. IMAGINATIVE PEOPLE?
14. IS IT A HIGHER COMPLIMENT TO BE CALLED
  - A. A PERSON OF REAL FEELING, OR
  - B. A CONSISTENTLY REASONABLE PERSON?
15. IN READING FOR PLEASURE, DO YOU
  - A. ENJOY ODD OR ORIGINAL WAYS OF SAYING THINGS, OR
  - B. LIKE WRITERS TO SAY EXACTLY WHAT THEY MEAN?
16. DO YOU
  - A. TALK EASILY TO ALMOST ANYONE FOR AS LONG AS YOU HAVE TO, OR
  - B. FIND A LOT TO SAY ONLY TO CERTAIN PEOPLE OR UNDER CERTAIN CONDITIONS?
17. DOES FOLLOWING A SCHEDULE
  - A. APPEAL TO YOU, OR
  - B. CRAMP YOU?
18. WHEN IT IS SETTLED WELL IN ADVANCE THAT YOU WILL DO A CERTAIN THING AT A CERTAIN TIME, DO YOU FIND IT
  - A. NICE TO BE ABLE TO PLAN ACCORDINGLY, OR
  - B. A LITTLE UNPLEASANT TO BE TIED DOWN?
19. ARE YOU MORE SUCCESSFUL
  - A. AT FOLLOWING A CAREFULLY WORKED OUT PLAN, OR
  - B. AT DEALING WITH THE UNEXPECTED AND SEEING QUICKLY WHAT SHOULD BE DONE?
20. WOULD YOU RATHER BE CONSIDERED
  - A. A PRACTICAL PERSON, OR
  - B. AN INGENIOUS PERSON?



21. IN A LARGE GROUP, DO YOU MORE OFTEN
  - A. INTRODUCE OTHERS, OR
  - B. GET INTRODUCED?
22. DO YOU USUALLY
  - A. VALUE SENTIMENT MORE THAN LOGIC, OR
  - B. VALUE LOGIC MORE THAN SENTIMENTS?
23. WOULD YOU RATHER HAVE AS A FRIEND
  - A. SOMEONE WHO IS ALWAYS COMING UP WITH NEW IDEAS, OR
  - B. SOMEONE WHO HAS BOTH FEET ON THE GROUND?
24. CAN THE NEW PEOPLE YOU MEET TELL WHAT YOU ARE INTERESTED IN
  - A. RIGHT AWAY, OR
  - B. ONLY AFTER THEY REALLY GET TO KNOW YOU?
25. (ON THIS QUESTION ONLY, IF TWO ANSWERS ARE TRUE, CIRCLE BOTH)  
IN YOUR DAILY WORK, DO YOU
  - A. USUALLY PLAN YOUR WORK SO YOU WON'T NEED TO WORK UNDER PRESSURE, OR
  - B. RATHER ENJOY AN EMERGENCY THAT MAKES YOU WORK AGAINST TIME, OR
  - C. HATE TO WORK UNDER PRESSURE?
26. DO YOU USUALLY
  - A. SHOW YOUR FEELINGS FREELY, OR
  - B. KEEP YOUR FEELINGS TO YOURSELF?

**PART 2: WHICH WORD IN EACH PAIR APPEALS TO YOU MORE?**  
(THINK WHAT THE WORD MEAN, NOT HOW THEY LOOK OR HOW THEY SOUND)

- |   |                                  |                                       |
|---|----------------------------------|---------------------------------------|
| 27. A. SCHEDULED<br>B. UNPLANNED        | 35. A. STATEMENT<br>B. CONCEPT   | 43. A. CALM<br>B. LIVELY              |
| 28. A. FACTS<br>B. IDEAS                | 36. A. RESERVED<br>B. TALAKATIVE | 44. A. JUSTICE<br>B. MERCY            |
| 29. A. QUIET<br>B. HEARTY               | 37. A. ANALYZE<br>B. SYMPATHIZE  | 45. A. FASCINATING<br>B. SENSIBLE     |
| 30. A. CONVINCING<br>B. TOUCHING        | 38. A. CREATE<br>B. MAKE         | 46. A. FIRM-MINDED<br>B. WARM HEARTED |
| 31. A. IMAGINATIVE<br>B. MATETR-OF-FACT | 39. A. DETERMINED<br>B. DEVOTED  | 47. A. FEELING<br>B. THINKING         |
| 32. A. BENEFITS<br>B. BLESSINGS         | 40. A. GENTLE<br>B. FIRM         | 48. A. LITERAL<br>B. FIGURATIVE       |
| 33. A. PEACEMAKER<br>B. JUDGE           | 41. A. SYSTEMATIC<br>B. CASUAL   | 49. A. FORESIGHT<br>B. COMPASSION     |
| 34. A. SYSTEMATIC<br>B. SPONTANEOUS     | 42. A. CERTAINTY<br>B. THEORY    | 50. A. HARD<br>B. SOFT                |

Figure 5.3: Page 3 of the PDF

**M.B.T.I SCORING SHEET****DIRECTIONS**

CORRESPONDING TO YOUR CHOICE FOR EACH QUESTION. THERE ARE SOME POINTS GIVEN LOCATE THE COMBINATION OF QUESTIONS & CHOICE AND CIRCLE THE POINTS IN FRONT OF IT. FINALLY TOTAL UP ALL THE CIRCLED NUMBER POINTS IN EACH OF THE CATEGORIES.

| E               |   | I               |   | S               |   | N               |   | T               |   | F               |   | J               |   | P               |   |
|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|-----------------|---|
| Q & C           | P | Q & C           | P | Q & C           | P | Q & C           | P | Q & C           | P | Q & C           | P | Q & C           | P | Q & C           | P |
| 3A              | 2 | 3B              | 2 | 2A              | 2 | 2B              | 2 | 4B              | 2 | 4A              | 1 | 1A              | 2 | 1B              | 2 |
| 6A              | 2 | 6B              | 1 | 5B              | 1 | 5A              | 1 | 14B             | 2 | 14A             | 1 | 7A              | 1 | 7B              | 1 |
| 9A              | 2 | 9B              | 1 | 10A             | 1 | 10B             | 2 | 22B             | 2 | 22A             | 2 |                 |   | 7C              | 1 |
| 13A             | 1 | 13B             | 2 | 12A             | 1 | 12B             | 2 | 30A             | 2 | 30B             | 1 | 8A              | 1 | 8B              | 2 |
| 16A             | 2 | 16B             | 2 | 15B             | 1 | 15A             | 0 | 32A             | 1 | 32B             | 1 | 11A             | 2 | 11B             | 1 |
| 21A             | 2 | 21B             | 2 | 20A             | 2 | 20B             | 2 | 33B             | 2 | 33A             | 0 | 17A             | 2 | 17B             | 2 |
| 24A             | 1 | 24B             | 1 | 23B             | 2 | 23A             | 1 | 37A             | 1 | 37B             | 2 | 18A             | 1 | 18B             | 1 |
| 26A             | 1 | 26B             | 0 | 28A             | 2 | 28B             | 1 | 39A             | 1 | 39B             | 1 | 19A             | 1 | 19B             | 1 |
| 29B             | 2 | 29A             | 2 | 31B             | 2 | 31A             | 0 | 40B             | 2 | 40A             | 1 | 25A             | 1 | 25B             | 1 |
| 36B             | 2 | 36A             | 1 | 35A             | 2 | 35B             | 1 | 44A             | 1 | 44B             | 2 | 25C             | 0 |                 |   |
| 43B             | 1 | 43A             | 1 | 38B             | 2 | 38A             | 0 | 46A             | 2 | 46B             | 0 | 27A             | 2 | 27B             | 2 |
|                 |   |                 |   | 42A             | 1 | 42B             | 2 | 47B             | 2 | 47A             | 1 | 34A             | 2 | 34B             | 2 |
|                 |   |                 |   | 45B             | 2 | 45A             | 0 | 49A             | 2 | 49B             | 1 | 41A             | 2 | 41B             | 2 |
|                 |   |                 |   | 48A             | 1 | 48B             | 1 | 50A             | 2 | 50B             | 0 |                 |   |                 |   |
| TOTAL<br>POINTS |   | TOTAL<br>POINTS |   | TOTAL<br>POINTS |   | TOTAL<br>POINTS |   | TOTAL<br>POINTS |   | TOTAL<br>POINTS |   | TOTAL<br>POINTS |   | TOTAL<br>POINTS |   |

**LEGEND**

Q & C = QUESTION & CHOICE  
P=POINTS

MY PERSONALITY TYPE IS =>  
(WRITE THAT LETTER OF EACH PAIR IN THE BOX HAVING POINTS)

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| E/I                  | S/N                  | T/F                  | J/P                  |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

**IN CASE OF A TIE**

- 1) BETWEEN E & I, SELECT I
- 2) BETWEEN S & N, SELECT N
- 3) BETWEEN T & F, MALE WILL SELECT 'T' & FEMALES 'F'
- 4) BETWEEN J & P, SELECT P

Figure 5.4: Page 4 of the PDF

Git Hub link to where the website is stored:

<https://github.com/DaithiLang/PersonalityTest2.0>